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## Wooster City School District

Inspiring World-Class Academic Achievement



# Wooster High School Course Selection Guide: 2013-2014



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# REGISTRATION INFORMATION AT WOOSTER HIGH SCHOOL

## General Instructions

Read and study all of the information on these pages carefully before completing your schedule. You must be very certain that you meet all the necessary requirements in order to graduate. It is recommended that you talk with any of the classroom teachers, if you have questions about what is included in the courses they teach. The counselors are available for help in planning your schedule. If you do not obtain enough help in the group discussion, make an appointment to see a counselor on an individual basis.

## Graduation Requirements

1. All students must earn 21 units for graduation. Credits earned in grades 9 through 12 are counted toward graduation. Some high school credits may be earned in grade 7 and/or 8 or during summer school prior to grade 9.

The following courses are required for graduation:

English	4 units	Mathematics	4 units	U.S. History	1 unit
American Government	1 unit	World Studies	1 unit	Science	3 units
Fine Arts	1 unit	Health	0.5 unit	Physical Education	0.5 unit
Financial Literacy	0.5 unit	Electives	4.5 units		

Each student's electives shall include at least one unit, or two half units, chosen from among the areas of business, technology, fine arts, and/or foreign language.

2. Students must pass all five Ohio Graduation Tests (OGT) or meet the alternative testing requirements in order to graduate from Wooster High School and participate in Commencement exercises. During the sophomore year, Students will take the OGT test in March. Thereafter, OGT testing will be scheduled in October and in March for any student still needing to pass one or more of the OGT test areas.
3. A student may meet the testing requirements for passing all five Ohio Graduation Tests if he/she meets **ALL** of the following criteria as an alternate pathway:
  - Passes 4 of the five tests and has missed passing the 5<sup>th</sup> test by no more than 10 points;
  - Has a 97% attendance rate, excluding any excused absences, through all four years of high school;
  - Must not have had an expulsion in high school;
  - Has at least a grade point average of 2.5 out of 4.0 in the courses of the subject area not yet passed;
  - Has completed the high school curriculum requirement;
  - Has participated in any intervention programs offered by the school and must have had a 97% attendance rate in any programs offered outside the normal school day; and
  - Has letters recommending graduation from the high school principal and from each high school teacher in the subject area not yet passed.

**NOTE:** As specified in the Ohio Revised Code (Section 3313.615), this alternate pathway to meet the testing requirement only applies to students graduating after September 15, 2006.

Other educational options are possible upon consultation with the guidance counselor: online learning, credit flexibility, correspondence courses, etc. Students are limited to three high school correspondence credits. Any class taken outside of Wooster High School for which a student wants to receive credit toward graduation must be treated as credit flexibility. All requests for credit outside of Wooster High School must be initiated with the student's guidance counselor. There is an application to be completed and this application must be submitted to the guidance counselor at least ten school days prior to the start date of the planned study. Credit flexibility will not compete with courses offered within the regular program of studies at the high school. The high school principal will have the final decision as to whether the credit flexibility/educational option is approved.

### **General Guidelines for Academic Progression Towards Graduation**

1. To be on track for graduation students should have earned the minimum credits listed below:
  - At least 5 units of credit to be a Sophomore
  - At least 10 units of credit to be a Junior
  - At least 15 units of credit to be a Senior

Note: Students will be moved ahead in homeroom class standing regardless of credits earned until grade 12.

2. The Wooster City Schools will accept credit from any other public high school; but these transcripts, along with those from parochial schools, military academies, schools abroad, and other special schools will be evaluated with the right of the administration to deny credit for courses that fail to meet the standards of the Wooster City Schools or those of the State of Ohio.
3. Course equivalent to high school classes taken during 7<sup>th</sup> or 8<sup>th</sup> grade will be shown on the high school transcript, will count for high school credit and will be computed into GPA and class rank.

## Guidance Department Four Year Educational Plan

Attention: This educational plan gives you and your parents an opportunity to focus on the many courses available to you. This is a **flexible** plan and may be changed from year to year.

9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	
Course	Credit	Course	Credit
English I	1	English II	1
Math	1	Math	1
Physical Science	1	Biology	1
World Studies	1	U.S. History	1
Health	0.5	Physical Education	0.25
Physical Education	0.25	Technology/Foreign Language	.50 – 1.00
Technology/Foreign Language	.50 – 1.00	Fine Arts	0.5
Fine Arts	0.5		
<b>Total</b>		<b>Total</b>	
11 <sup>th</sup> Grade		12 <sup>th</sup> Grade	
Course	Credit	Course	Credit
American Literature	1	English Elective	0.5
Government	1	English Elective	0.5
Math (Algebra II or Higher)	1	Math (Algebra II or Higher)	1
Science	1	Financial Literacy (If necessary)	0.5
Financial Literacy	0.5		
<b>Total</b>		<b>Total</b>	

**21 credits are required for graduation.**

\* Elective units must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, or technology.

\* All students must receive instruction in financial literacy during grades 9-12.

\* All students must complete at least two semesters of fine arts taken any time in grades 9-12. Students following a career-technical pathway are exempted from the fine arts requirement.



## Comparison of Diplomas with Honors Criteria

*Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.*

Subject	International Baccalaureate Diploma with Honors ***	Academic Diploma with Honors	Career-Technical Diploma with Honors
English	4 units, plus the two required International Baccalaureate essays	4 units	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units including biology, chemistry and at least one additional advanced science ****	4 units, including physics and chemistry	4 units, including two units of advanced science ****
Social Studies	4 units	4 units	4 units
Foreign Language	4 units minimum, including at least 2 units in each language studied	3 units (must include no less than 2 units for which credit is sought), i.e., 3 units of one language or 2 units each of two languages	N/A
Fine Arts	1 unit	1 unit	N/A
Electives	N/A	N/A	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1210 SAT	27 ACT / 1210 SAT	27 ACT / 1210 SAT
Additional Assessment	Must complete criterion-referenced assessments in a minimum of six academic disciplines	N/A	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including:

½ unit physical education\*\*

½ unit in American history

½ unit health

½ unit in government

\* Writing sections of either standardized test should not be included in the calculation of this score.

\*\* SB 311 allows school districts to adopt policy-exempting students who participate in interscholastic athletics, marching band or cheerleading for two full sessions or two years of JROTC from the physical education requirements.

**\*\*\* The International Baccalaureate track to the Honors Diploma requires full completion of all requirements for an IB Diploma Programme including the Theory of Knowledge Course in meta-cognition, the Extended Essay project and the 150 hour Creativity, Action and Service (Service-Learning) requirement. Note: The International Baccalaureate Certificate Program does not qualify for this track to the Diploma with Honors.**

**\*\*\*\* Advanced science refers to courses in the Ohio Core that are inquiry-based with laboratory experiences and align with the 11/12<sup>th</sup> grade standards (or above) or with an AP science course, or with the new high school syllabi, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy), or contain material above the current OGT level.**

**Ohio Department of Education – January 2012**

## **COLLEGE LEVEL ENROLLMENT OPTIONS**

### **DUAL ENROLLMENT**

Eligible students remain at Wooster High School and receive both high school and college/university credit. Dual Enrollment course offerings may vary each school year. For more information, contact a guidance counselor.

**Courses offered at Wooster High School: Composition I, Composition II, Pre-Calculus, and Spanish IV**

**Eligibility Requirements grade 11 and 12 participants:**

**(Must have completed application by April 15<sup>th</sup> and have taken ACT prior to May 1)**

- **3.30 cumulative GPA with a 24 ACT Composite or Combined SAT (Math & Critical Reading) of 1110**
- **3.5 cumulative GPA with less than total composites above**
- **Pass all portions of Ohio Graduation Test**
- **Must attain cumulative GPA of at least 3.0 on a 4.0 scale in completed high school courses to be eligible to take equivalent college courses**

## **OHIO'S POST-SECONDARY ENROLLMENT OPTIONS ACT (PSEO)**

Ohio's Post-Secondary Enrollment Options Act allows all students to enroll full or part-time at approved public colleges, universities, or technical schools in Ohio. The Act has a dual purpose: to promote rigorous educational pursuits and to provide a wide variety of options for students. An informational meeting is held in February for parents and students interested in PSEO. For more information, contact a guidance counselor.

## **THE COLLEGE OF WOOSTER AND WOOSTER HIGH SCHOOL JOINT ENRICHED PROGRAM PROCEDURE FOR SELECTING STUDENTS**

Senior students interested in the program must see a guidance counselor for an application. This is a selective process with the final selection made by The College of Wooster. Students must have at least a cumulative 3.5 GPA or above.

### **ADVANCED PLACEMENT (AP) COURSE OFFERINGS**

- **Advanced Placement English Language and Composition**
- **Advanced Placement United States History**
- **Advanced Placement United States Government and Politics**
- **Advanced Placement European History**
- **Advanced Placement Psychology**
- **Advanced Placement Calculus AB**
- **Advanced Placement Calculus BC**
- **Advanced Placement Statistics**
- **Advanced Placement Art Studio**
- **Advanced Placement Computer Science A**
- **Advanced Placement English Literature Composition**
- **Advanced Placement Biology**
- **Advanced Placement Chemistry**
- **Advanced Placement Environmental Science**
- **Advanced Placement Physics B**
- **Advanced Placement Spanish Language**
- **Advanced Placement French Language**
- **Advanced Placement German Language**



## Tri-County International Academy and International Baccalaureate Organization

### (IBO) (Open only to grade 11 and 12 students)

“Life in the 21<sup>st</sup> Century, in an interconnected globalized world, requires critical-thinking skills and a sense of international-mindedness, something that International Baccalaureate (IB) Diploma Programme students learn to know and understand.”

Wooster High School working together with Tri-County Educational Service Center and other local schools is offering you an exciting and challenging educational program. The IB Programme is an academically balanced two-year program with final examinations that prepare students in grades 11 & 12 for a successful college and/or university experience. By completing this course of study, students may be awarded scholarships, college credit, and advantageous admission consideration to Ivy League schools.

The IB Diploma Programme is a total program taught at an advanced level, similar to Advanced Placement (AP) courses. The students will have course work in the following areas:

- *English*
- *Second Language (Spanish or German)*
- *Social Studies (History of the Americas including Government)*
- *Science (Chemistry and or Advanced Biology or Physics)*
- *Math (Algebra II required)*
- *Theory of Knowledge*

Students will also engage in activities that involve creativity, action, service (CAS Project), understanding how learning takes place, and extensive research.

**Successful completion of this program will result in earning two diplomas:**

**Wooster High School Diploma and the International Baccalaureate Diploma.**

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Visit the website at: [www.ibo.org](http://www.ibo.org) or [ib.tricountyesc.org](http://ib.tricountyesc.org).

#### **Certificate Only IB courses Offered**

A student may choose to take a particular IB course for certification because they may have an interest or talent in that area, and may find it impossible to enroll for the diploma program. Certificate students are those who choose one or more IB courses without committing to the entire program. Advantages of this status include the richer educational value of IB courses, the community of dedicated students who choose such courses, and the opportunity to earn advanced college credit for successful performance on IB examinations (advanced standing is awarded by individual universities, and is generally not given for Standard Level courses). All certificate students are required to take subject examinations in their IB courses. Students in these courses are also eligible to take AP examinations upon completion of the course.

## OTHER HIGH SCHOOL OPTIONS

### CREDIT FLEXIBILITY

Credit Flex is a statewide initiative and allows for performance and demonstration of subject area mastery instead of the traditional “seat time” requirement. There is no limit to the type of coursework or number of credits.

Credit Flexibility grants students the opportunity to design and create their own unique learning experiences and demonstrate mastery utilizing a variety of assessment models. They may earn graduation credit through one of the following options:

- Complete traditional coursework at an accelerated pace.
- Earn credit by demonstrating mastery of the course content by testing out or presenting a portfolio or a combination of the two.
- Pursue one or more “educational options” (e.g., distance learning, educational travel, independent study, an internship, music, arts, after-school program, community service, or engagement project and sports).

***Eligibility: A student is eligible for earning high school credit as long as they are capable of meeting the credit flex requirements and are not currently expelled from school.***

### BLENDING LEARNING

Students in blended learning classes at Wooster High School will use Blackboard for accessing lessons, completing and turning in assignments, taking assessments, communicating with peers and teachers and most other class functions. Blackboard is available on any Internet capable device including laptops, iPods/iPads, smart phones and other tablets. The curriculum of these courses will be the same as the traditional courses. See a guidance counselor for more information.

## WAYNE COUNTY SCHOOLS CAREER CENTER

Juniors and seniors may learn career and technical skills while attending high school at the Career Center. Some programs offer a part-time option that allows students to take academics at Wooster High School. Transportation is provided by Wooster City School District. Students are encouraged to participate in Wooster High School extracurricular activities and will graduate from Wooster High School. There is no tuition charge to attend the Career Center other than laboratory fees, tools and uniform fees. Applicants should have met the graduation requirements for freshman and sophomores, having completed courses in English, Mathematics, Social Studies, Science, Physical Education and Health. Students deficient in required credits may need to attend summer school, be privately tutored, or take correspondence courses to meet graduation requirements as approved by Wooster High School.

## ATHLETIC ELIGIBILITY

### **Ohio High School Athletic Association Rules:**

In order to be eligible in grades 9 - 12, a student must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, the student must have received passing grades in a minimum of five one-credit courses or the equivalent, which count toward graduation. Please be advised that a College of Wooster class does not meet this requirement, as one of the five courses needed. Physical Education courses do not count toward one of the five courses needed.

Eligibility for fall sports is based on the fourth nine weeks grades, not the semester or year-end grades.

**Students entering 9th grade:** A student enrolled in the first grading period after advancement from the eighth grade must have passed 75% of the courses in which the student was enrolled during the fourth grading period of eighth grade. A complete listing of OHSA Eligibility rules is posted outside the athletic office, printed in the athletic handbook, and available from the guidance office.

### **Policy - Ineligible Athlete**

*If an athlete at Wooster High School is not eligible for a sport season on the basis of his prior quarter's scholastic work, he may not play or dress during the entire time for which he is ineligible.*

### **National Collegiate Athletic Association (NCAA)**

In order to practice and play athletics at an NCAA Division I or II college/university, the student athlete must satisfy requirements of the NCAA. Student athletes must have eligibility for practice and competition for their freshman year in college certified by the NCAA Initial-Eligibility Clearinghouse.

The Clearinghouse has been established for review of core courses and high school transcripts for all prospective Div. I or II student athletes.

Any Wooster High School athlete who desires to compete at the Division I or II level should contact their guidance counselor at the start of their junior year for Clearinghouse information. The Clearinghouse does not accept some courses offered at WHS.

The following courses **DO NOT** qualify as NCAA core course(s); therefore, **CANNOT BE USED** for NCAA initial-eligibility certification:

*Television Production (all levels)*  
*Newspaper Production (all levels)*  
*Family and Consumer Science Courses*  
*STEM/Industrial Technology Courses*  
*Music Courses*  
*Applied Mathematics*

*Yearbook (all levels)*  
*Visual Art Courses*  
*Physical Education and Health*  
*Dramatic Arts/Theater*  
*All credit flexibility courses*

# NCAA FRESHMAN – ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

## Divisions I and II Initial-Eligibility Requirements

### Core Courses

1. **NCAA Division I requires 16 core courses. NCAA Division II currently requires 14 core courses.** Division II will require 16 core courses for students enrolling on or after August 1, 2013. See the charts below.
2. **NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvement.

*\*Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

### Test Scores

1. **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
2. **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
  - The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
  - The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
  - **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

### Grade-Point Average

1. **Be sure** to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
2. **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
3. **Division I** GPA required to receive athletics aid and practice **on or after August 1, 2016**, is 2.000 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
4. **Division I** GPA required to be eligible for competition **on or after August 1, 2016**, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
5. **The Division II** core GPA requirement is a minimum of 2.000.
  - Remember, the NCAA GPA is calculated using NCAA core courses only.

Division I		Division II
4 years	<b>English</b>	3 years
3 years	<b>Mathematics</b> (Algebra I or Higher)	2 years
2 years	<b>Natural/Physical Science</b> (1 year of lab if offered by high school)	2 years
1 year	<b>Additional English, Math or Natural/Physical Science</b>	3 years
2 years	<b>Social Science</b>	2 years
4 years	Additional Courses (From any area above, Foreign Language or comparative religion/philosophy)	4 years

For more information regarding the rules, please go to [www.ncaa.org](http://www.ncaa.org). Click on “Academics and Athletes” then “Eligibility and Recruiting.” Or visit the clearinghouse Web site at [www.eligibilitycenter.org](http://www.eligibilitycenter.org). Please call the NCAA Eligibility Center if you have questions. Toll-free at 877-262-1492.

## OTHER HIGH SCHOOL PROGRAMS

### WORK STUDY

**Work Study** – Grades 9 -12 by permission.

The Work Study Program at Wooster High School is essential in helping students meet their future goals. It provides students opportunities to work with adults and learn valuable employability skills.

Students earn credit towards graduation according to the number of hours worked.

- 120 hours of work equals 1 credit hour
- Maximum of 4 credit hours per academic year

A referral process is used for students to be in the program. Intervention specialists, teachers, guidance counselors, administrators, and parents may recommend special education students for the program.

### CAREER BASED INTERVENTION

**Career Based Intervention (CBI)** \*Grades 9 and 10 – **These classes does not meet NCAA eligibility requirements.**

This is a pre-vocational job-orientation program for grades 9 and 10. The purpose is to help students improve academic competence, develop employability skills, implement a career plan, participate in a career pathway in preparation for postsecondary education and/or career, and graduate from high school.

The CBI program provides a combination of educational and work-based learning opportunities for student success. The program includes the requirement of CBI English, CBI Math, CBI Related, and CBI History for both grades 9 and 10.

Students interested in the CBI program must see a guidance counselor to determine eligibility. CBI students earn one credit for participation in CBI Related plus one credit for each CBI academic class.

## WOOSTER HIGH SCHOOL COURSE OFFERINGS

### COMPUTER SCIENCE

**Computer Applications:** 18 weeks – ½ credit

Prerequisite: None

Fee: None

This is an **introductory course**, only open to students who haven't taken any other computer course in high school. Using a variety of programs we will learn the importance of computers in our everyday lives. Students will learn how to be more productive with some of the following programs: Microsoft Word, Excel and PowerPoint. Students will also learn the applications included with every Mac computer, in the iLife suite. Students will use this software to organize and create digital audio, image and video projects. This is a project-oriented course. **This course does not meet NCAA eligibility requirements.**

**Digital Film Production I:** 18 Weeks – ½ credit

\*Open to grades 10 – 12

Fee: \$15

This course is an introduction to television studio and field production. The course will acquaint students with the technical and aesthetic concepts involved in successful Video Production. Students will develop skills through a series of in-class exercises, studio and field exercises and critical evaluations of past and present production styles. This course is designed to familiarize students with the process and tools associated with Video Production. Special emphasis is placed on single and multi-camera techniques with emphasis on professional aptitudes and attitudes. **This course does not meet NCAA eligibility requirements.**

**TV Production:** 18 weeks – ½ credit

Prerequisite: Digital Film Production I

Fee: \$15

A continuation of *Digital Film Production I*, this course will pick up where *Digital Film Production I* leaves off. In addition to the in-class activities, *TV Production* will be responsible for weekly video announcements. Students will assume the roles of a television production studio and will plan, shoot and produce announcements and short films. **This course does not meet NCAA eligibility requirements.**

**Photoshop Explored:** 18 weeks-- ½ credit

\* Open to grades 10 – 12

Fee: None

Students will use *Photoshop CS4* to look at the following topics: Editing a Photoshop Image, Using the Selection Tools, Using Layers, Drawing and Painting with Color, Enhancing and Repairing Photos, Creating Color Channels and Actions, Applying Filters and Patterns, Working with Vector Graphics, Using Web Tools. All of the topics covered will give students a better understanding of how to appropriately use this program. This is a project-oriented class. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this class. **This course does not meet NCAA eligibility requirements.**

**Programming I:** 18 weeks – ½ credit

Prerequisite: None

Fee: None

This introductory programming class will cover the basic principals of structured programming. It will use three very different programming environments to accomplish this task. Students will be using Flash, REAL-Basic, and Alice. Students will do various projects that will demonstrate the student's knowledge of these modern programming languages. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this class. **This course does not meet NCAA eligibility requirements.**



**Programming II:** 18 weeks – ½ credit

Prerequisite: Programming I

Fee: None

A continuation of *Programming I*, students will be using Flash, REAL-Basic, and Alice to delve further into more difficult programming techniques and good programming style. Students will cover such topics as loops, decisions, arrays, graphics and sound in this project oriented class. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this class. **This course does not meet NCAA eligibility requirements.**

**Website Design:** 18 weeks – ½ credit

Prerequisite: Photoshop Explored or Graphic Arts 1

Fee: None

This course will examine the World Wide Web, how it works and how to create websites. The course will emphasize the HTML programming language, however previous knowledge is not required. Through the program *Dreamweaver* students will plan, design and implement various websites. These may include, academic, athletic, and school clubs. By the end of the course students will create their own personalized website. This is a project-oriented class. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this course. **This course does not meet NCAA eligibility requirements.**

**Advanced Placement Computer Science A:** 36 weeks – 1 credit

Prerequisite: Programming I and II  
Algebra II

The AP Computer Science A course is an advanced course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction.

## ENGLISH

\*Students may freely move from pathway to pathway as their goals change

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<i>English I</i>  <i>Honors English I</i>	<i>English II</i>  <i>Honors English II</i>	<u>Career Pathway in English Curriculum</u> 1 Credit Needed <i>American Literature</i>	1 Credit Needed <i>British Literature I &amp; II</i> (semester each) or *Two Electives
<i>English I</i>  <i>Honors English I</i>	<i>English II</i>  Honors English II	<u>College-bound Pathway in English Curriculum</u> <i>Advanced Placement English Language and Composition</i> or <i>American Literature</i> or <u>Dual Credit: English Composition I &amp; English Composition II</u>	<i>Advanced Placement English Literature and Composition</i> <i>British Literature I &amp; II</i> (semester each) or *Two Electives or <u>Dual Credit: English Composition I &amp; English Composition II</u>
<b>Elective Choice</b>  Introduction to Media	<b>Elective Choice</b>  Introduction to Media	<u>College-Bound Pathway Additional Elective Choices for Grade 11 or 12</u> <ul style="list-style-type: none"> <li>• <i>Expository Writing</i> (semester)</li> <li>• <i>Creative Writing</i> (semester)</li> <li>• <i>Film Study</i> (semester)</li> <li>• <i>Public Speaking and Performance</i> (semester)</li> <li>• <b>Introduction to Media</b> *May be taken in 9<sup>th</sup> &amp; 10<sup>th</sup> grades</li> </ul>	

Four credits of English must be earned to meet graduation requirements. Additional courses may be taken.

All WHS literature courses will combine instruction in literature with substantial amounts of composition. Reading, reasoning, responding, and writing are integral parts of the “literate” tradition.

**PLEASE NOTE: ALL ENGLISH COURSES HAVE A SUMMER READING REQUIREMENT**

**English I:** 36 weeks – 1 credit

Prerequisite: None

Fee: None

In *English I*, students will engage in reading, writing, oral expression, and critical thinking. The various units include drama, poetry, nonfiction, and fiction, which will provide topics or student writing, speaking and listening assignments. All areas of study are standards based in preparation for the Ohio Graduation Test.

**Summer reading is required.**

**Honors English I:** 36 weeks – 1 credit

Prerequisite: Explore Composite  
20+

Fee: None

In *Honors English I*, students will engage in reading, writing, oral expression, and critical thinking. The various units include drama, poetry, nonfiction, and fiction, which will provide topics or student writing, speaking and listening assignments. This course will increase the rigor of reading selections and writing, above the *English I* course. All areas of study are standards based in preparation for the Ohio Graduation Test.

**Summer reading is required.**

**English II:** 36 weeks – 1 credit

Prerequisite: English I

Fee: None

This course builds upon the *English I* Curriculum and is designed to prepare the students for the junior and senior English courses. This yearlong course fulfills the entire required sophomore English credit. **Summer reading is required.**

**Honors English II:** 36 weeks – 1 credit

Prerequisite: Explore Composite  
20+

Fee: None

This course builds upon the *English I* curriculum and is designed to prepare the students for the Ohio Graduation Test and Advanced Placement junior and senior English courses and involves summer reading assignments and extensive writing requirements. This course will increase the rigor of reading selections and writing, above the *English II* course. This year long course fulfills the entire required sophomore English credit. **Summer reading is required.**

**American Literature:** 36 weeks – 1 credit

Prerequisite: English II

Fee: None

**\*This course is required for all grade 11 students.**

This survey course presents an overview of American literature with selections from major periods of our country's literary development. Students will read and analyze a variety of selections in both in-class discussions and writing assignments. Students will be required to analyze, discuss, and write about a wide variety of literary works by selected American authors. The course will emphasize the development of a national literature, which reflects the continuing values and philosophies of American society. Emphasis will be on close reading and process writing about literature. **Summer reading is required.**

**Advanced Placement English Language and Composition:** 36 weeks – 1 credit      \*Open to grade 11 through application process      Fee: AP Test

This full year course provides the college-bound junior with a basic foundation for work at the college level. The students will study different modes of rhetoric from a variety of historical periods, including a focus on American literature, and disciplines emphasizing the elements of audience, purpose, and context in texts whether nonfiction or fiction. Students in this course will write expository, analytical, and argumentative essays in which they synthesize ideas and information for various sources. Emphasis will be on close reading and in-class writing. In May, the students will take the Advanced Placement English Language and Composition examination. If a high score is achieved, it is possible that students will earn college credit without having to take the college English course. Because of the amount of material to be covered, its difficulty, and the limited enrollment, students seriously interested in the course must consult an English teacher prior to scheduling this course. The exam, though optional, is highly recommended and the student bears the expense. **(Plan Scores of Reading 22 and English 21 – is recommended)** A summer reading and writing assignment is required.

**Advanced Placement English Literature and Composition:** 36 weeks – 1 credit      \*Open to grade 12 through application process      Fee: AP Test

This full year course provides the college-bound senior with a basic foundation for work at the college level. The students will study both classical and modern literature in a number of forms: poetry, essays, plays, and novels. Compositions will be critical essays based upon material read. In May, it is highly recommended that the student will take the Advanced Placement Examination in English. If a high score is achieved, it is possible that the student will earn college credit without having to take the college English course. Because of the amount of material to be covered, its difficulty, and the limited enrollment, students seriously interested in the course must consult their English teacher before scheduling this course. The exam is optional and the student bears the expenses. Emphasis will be on reading and in-class process writing about literature. **(Plan Scores of Reading 21 and English 21 – is recommended)** A summer reading and writing assignment is required.

**British Literature I:** 18 weeks – ½ credit      \*Open to grade 12      Fee: None

British Literature I is a survey course that presents an overview of British literature with selections from the first half of British literary development – the Anglo-Saxon, the Medieval, and the English Renaissance periods. The course will emphasize the development of a national literature. Students will read and analyze a variety of selections in both in-class discussions and writing assignments. Students will be required to analyze, discuss, and write about a wide variety of literary works of selected British authors by developing and using critical thinking skills. Emphasis will be on close reading and writing about literature. Students may take one or both of the British Literature courses offered. **Summer reading is required.**

**British Literature II:** 18 weeks – ½ credit      \*Open to grade 12      Fee: None

British Literature II is a survey course that presents an overview of British Literature with selections from the latter half of British literary development – the Seventeenth Century, the Restoration, the Romantic, the Victorian, and the Modern periods. The course will emphasize the development of a national literature. Students will read and analyze a variety of selections in both in-class discussions and writing assignments. Students will be required to analyze, discuss, and write about a wide variety of literary works of selected British authors by developing and using critical thinking skills. Emphasis will be on close reading and writing about literature. Students may take one or both of the British Literature courses offered. **Summer reading is required.**

**Creative Writing:** 18 weeks — ½ credit

\*Open to grades 11 or 12

Fee: None

This course is a workshop-based class where the students are expected to learn and apply the various writing techniques used by creative writers. While this is a writing course, reading is also a major component of this class. After reading and analyzing a variety of texts, students may write descriptive prose, poetry, short stories, or a one-act play using the techniques found in the readings. In addition to writing and sharing written responses, students will use technology to type polished drafts of assignments. Students should have a basic understanding of effective writing skills before entering the class. **Summer reading is required.**

**Expository and Research Writing:** 18 weeks – ½ credit

\*Open to grades 11 or 12

Fee: None

This course is recommended for college-bound students. This semester course emphasizes critical writing techniques used for essay and research writing needed for college and includes intensive sentence structure, grammar, and usage study. Students will be required to complete a variety of essay, literary analysis, and research assignments, culminating with a formal, documented research paper in the 10-14 page range. Topics for assignments will be determined by student interest with approval by the instructor. **Summer reading is required.**

**Film Study and Composition:** 18 weeks – ½ credit

\*Open to grades 10 or 12

Fee: None

This is a course designed to develop critical viewers of film. Introducing the student to the growth of the film industry and studying techniques in film will accomplish this critical view. Some of the techniques include visual interpretations, film symbolism, cinematography, and camera technique. Students will react to the films and techniques via class discussions, journals, and researched essays. Along with written assignments, several supplemental reading materials will be read and analyzed in preparation for the lengthier essays. Along with the supplemental reading materials, critical film reviews published by critics will be read and analyzed to help develop a common film vocabulary and used to support opinions in written assignments. **Summer reading is required.**

**Public Speaking and Performance:** 18 weeks – ½ credit

\*Open to grades 11 or 12

Fee: None

This course provides students with the opportunity to learn and practice the skills of effective oral communication. Because these skills are so important in today's society, it is highly recommended that all students enroll in this course at some time during their final two years in high school. **Summer reading is required.**

**Dual Credit Option – Must Enroll Through Wayne College** \*Possible additional fee of College text  
Eligibility Requirements grade 11 and 12 participants:

(Must have completed application by April 15<sup>th</sup> and have taken ACT prior to May 1)

- **3.30 cumulative GPA with a 24 ACT Composite or Combined SAT (Math & Critical Reading) of 1110**
- **3.5 cumulative GPA with less than total composites above**
- **Pass all portions of Ohio Graduation Test**
- **Must attain cumulative GPA of at least 3.0 on a 4.0 scale in completed high school courses to be eligible to take equivalent college courses**

**English Composition I:** High School Credit 1 Credit

\*Must Meet Requirements

Fee: Books

\*Post Secondary Education Option – Wayne College 4 Credits

This course will give students extensive and varied experience in developing writing skills, with practice in expressive, reflective and analytic forms of writing.

**English Composition II:** High School Credit .5 Credit      \*Must Meet Requirements      Fee: Books  
\*Post Secondary Education Option – Wayne College 3 Credits

Prerequisite: **English Composition I**

This course is designed to develop skills in analyzing and writing persuasive arguments.

## FAMILY AND CONSUMER SCIENCES

**Child Development:** 18 weeks – ½ credit      \*Open to grades 10 - 12      Fee: None

Included in this course, will be background information to aid the student in a better understanding of themselves and healthy relationships with others. Topics include: healthy relationship patterns, parenting/family styles and skills, the study of growth and development of a child, beginning with conception through their first year of life, and children's activities. The use of the infant baby simulator will be required by each student at the end of the semester FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Family Living:** 18 weeks – ½ credit      \*Open to grades 10 - 12      Fee: None

This course is the study and discussion of issues related to family life. Topics to be included are: dating, engagement, marriage, wedding planning, money management, parenting, aging, divorce and coordination of employment and family. The course challenges students to examine values, principles and attitudes about the family. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Fashion Design I:** 18 weeks – ½ credit      \*Open to grades 10 - 12      Fee: \$5

In this course students will have the opportunity to learn to sew using a sewing machine and sewing patterns. Several small projects will be completed as well as one larger project. Students will also study the history of fashion and fibers and textiles. In this course students will gain practical skills that can be used to enhance personal life or to pursue a career in the field of fashion design. Students will need to furnish patterns and fabrics as needed to complete projects. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities.

**Fashion Design II:** 18 weeks – ½ credit      Prerequisite: Fashion Design I or Instructor permission. \*Open to grades 10 – 12      Fee: \$5

In this course students will have the opportunity to build on the skills learned in *Fashion Design I*. Clothing construction will be the main emphasis and a more in-depth project(s) will be completed. Areas of study will include: sewing techniques for garment construction; the elements and principles of design as applied to clothing; fibers and textiles; and careers in the fashion industry. This course is recommended for students interested in fashion merchandising and design. Students will be responsible for providing sewing supplies needed for completing their projects. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA leadership eligibility requirements.**



**Fitness and Nutrition:** 18 weeks – ½ credit

\*Open to grades 10-12

Fee: \$15

A healthy diet is essential to reaching the highest level of fitness and well-being. In this course, students will study the details of nutrition and fitness to look and feel the best. Weekly labs will provide the opportunity to learn to cook healthy meals and snacks. Different forms of exercise and ways to stay fit will be studied and students will do some form of exercise during class each week. This course will be beneficial for athletes and students wanting to learn how to improve their diet. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Foods for Today:** 18 weeks – ½ credit

\*Open to grades 10 - 12

Fee: \$25

This is a semester course that focuses on food. Topics include a study of nutrition, basic kitchen skills, safety and sanitation, and food preparation techniques. Hands-on learning will take place through numerous lab experiences and students will have the opportunity to develop the knowledge and skills necessary to be proficient in the kitchen. The skills gained from this course can be applied to life in many ways, from making delicious foods for a family to pursuing a career in a food-related industry. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Advanced Foods:** 18 weeks – ½ credit

Prerequisite: Food for Today or Fitness and Nutrition. \*Open to grades 11, 12

Fee: \$30

This course provides the opportunity for a deeper study of foods and nutrition. Students will learn more advanced food preparation techniques and will study the social and cultural factors that influence food choices, nutrition knowledge for healthy food choices, food safety issues, and the environmental impact of food choices. The learning will be lab-based and hands-on. Possible labs include yeast breads, gourmet and global foods, and foods for holidays and special occasions. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**FCS for Teens:** 18 weeks – ½ credit

\*Open to grade 9

Fee: \$7

This course was especially designed to help students in grades 9 and 10, adjust to high school. Interpersonal skills, problem solving, parent-teen communication, conflict management, character development, hand-sewing skills, basic cooking skills and career exploration are the main components of the course. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Independent Living:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: \$10

This is a practical course that will prepare students for life after high school. Students will study a wide variety of topics including: planning for the future, personal growth, healthy relationships, career exploration, financial management, nutrition and food preparation, and clothing care. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Survival Life Skills:** 18 weeks – ½ credit

Prerequisite: By teacher permission only

Fee: None

This course is a beginning-level course in the Family and Consumer Sciences and will focus on the skills needed for independent living. The emphasis will be on making health food choices, basic food preparation, clothing care and repair, personal development, and money management. A faculty member or counselor will place a student in this course. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

## ENTREPRENEURSHIP AND FINANCIAL LITERACY

**Economics:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: \$5

This course is a survey course of basic principles of economics. Basic microeconomics concepts consider factors that affect individual economic choices, such as supply and demand, forms of business organization, entrepreneurship, and the marketplace. Macroeconomic concepts consider factors affecting choices involving the whole economy - GDP, unemployment, inflation, money supply and banking, and monetary, tax and fiscal policy. Economic issues of current or local concern, such as poverty, greed, corporate mergers, school finance, global economic crises, etc., will be integrated into class discussion as appropriate and timely. Students participate in a 10-week stock market simulation to become familiar with the workings of the stock market and personal investment principles as well as other simulation experiences.

**Financial Literacy:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: \$5

Financial literacy is defined as the ability to read, analyze, manage and communicate about the personal financial conditions that affect material well-being. It includes the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond competently to life events that affect everyday financial decisions, including events in the general economy. This course will have units on Entrepreneurship – a Junior Achievement program. It will also include modules related to financial decision-making, working and earning, budgeting, banking, saving and philanthropy, effective use of credit, wealth creation and investing, along with risk management. **This course does not meet NCAA eligibility requirements.**

**Entrepreneurship Foundations:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course is a survey course of basic principles of economics with a heavy influence of entrepreneurship. Entrepreneurship encompasses economic principles, business fundamentals, marketing principles, innovation and invention. Students will understand concepts and processes associated with successful entrepreneurial performance. Entrepreneurial skills provide the unique expertise that entrepreneurs use during the entire process of creating and managing a business. This course will provide students time for discovery, concept development, resourcing, actualization, leadership, personal assessment and personal management. Students will be instructed on understanding fundamental business concepts that affect business decision-making, communication, interpersonal skills, digital skills and financial literacy. Additional business management functions regarding human resources, information, marketing, operations and risk will complete the course requirement. A necessary prerequisite for this course is the ability to be self-directed and an independent worker to accommodate the faster content pace of this section of economics. Entrepreneurial projects are required. **This course does not meet NCAA eligibility requirements.**

**Independent Entrepreneurial Studies:** 18 weeks – ½ credit    \*Open to grades 11, 12    Fee: None

Have you ever thought of starting your own business? Do you have what it takes to be successful in your new enterprise? This course is for “entrepreneurially-spirit” students who wish to determine individual entrepreneurial interests, assess feasibility of ideas, and learn to apply basic marketing skills. Discover entrepreneurial personality traits and strategies necessary to succeed as an entrepreneur in the 21st century through authentic application of experiences for creating and putting original ideas into practice in your own student-run entrepreneurial product or service-related business. This will be a second semester course only. Students will create and possess a digital entrepreneurial portfolio of accumulated learning and experiences to increase success-oriented attitudes, initiative, self-regulation, intelligent risk-taking, collaboration, critical thinking, and life-long learning skills while effectively learning academic and ground level entrepreneurial business plan development. They will learn to apply economic principles, apply and demonstrate ethical business knowledge of and skills in using strategies for generating ideas, evaluate and implement organizational ownership structures and business plans, identify legitimate sources of capital for financing and purchasing, translate problems into marketing opportunities, apply principles of financial and human relations management, apply basic accounting principles, understand government regulations as well as strategies for successful new business launching. Students will be instructed on understanding licensing, permit acquisition, business regulations, record keeping, pricing, and legal organizations. This course will afford students a wide variety of opportunities, such as significant entrepreneurial community support, entrepreneur speakers, and face-to-face engagement opportunities in real world environments such as entrepreneur shadowing and/or internships and business plan competition. **This course does not meet NCAA eligibility requirements.**

**Manufacturing Technology:** 18 weeks – ½ credit    Prerequisite: Open to grades 10 – 12    Fee: \$22  
**(Adventures in Entrepreneurship)**

WANT TO BE YOUR OWN BOSS? Take hold of your future through entrepreneurship. This course will consist of classroom, laboratory and field experiences involving the major aspects of a business enterprise in order to study the technology and the socioeconomic contributions of industry. This will include, but not be limited to, product design, enterprise financing, marketing, sales, and distribution. Students will begin by learning about the different aspects of running a business, followed by the selection of a business to run and delegation of responsibilities. During the production or action phase students will learn about production flow and distribution. Time will be spent outside of the classroom setting on marketing, sales and distribution. **This course does not meet NCAA eligibility requirements.**

## DRAMATIC ARTS

Entry Level		Advanced
Acting I	Acting II Musical Theatre Technical Theatre Design	Theatre Production
Band Choir Orchestra	Musical Theatre	

**Acting I:** 18 weeks – ½ credit

Open to Grades 9 - 12

Fee: \$10

Acting I is a performance course in acting for the beginner, designed to help students explore the acting process. Students will develop skills in improvisation, script analysis, character development, memorization techniques, and performance skills. Throughout the semester, students will learn proper warm-up and relaxation techniques, develop their senses, build concentration, and learn basic acting skills by participating in a wide variety of drama games, improvisational activities, pantomime/movement exercises, and duet scenes. The final exam includes a public acting performance. Students will create a digital portfolio to showcase their growth as an actor. **This course does not meet NCAA eligibility requirements.**

**Acting II:** 18 weeks – ½ credit

Prerequisite: Acting I

Fee: \$12

Open to Grades 10, 11, 12

Acting II is an advanced course for the serious actor. Extensive script analysis, scene study, directing, and advanced acting techniques will be emphasized. In addition, students will demonstrate skills in applying stage make-up and selecting costumes for showcase performances. Each student will receive a headshot for use in the audition process. A public acting recital will be performed during the second nine weeks. Students will create a digital portfolio to showcase their growth as an actor. **This course does not meet NCAA eligibility requirements.**

**Musical Theatre:** 18 weeks – ½ credit

Prerequisite: Acting I, Choir, Band or Orchestra

Fee: None

Music Theatre is a course designed as an introduction to the American musical as an art form. This course will focus on the theory, technique and history of Musical Theatre. The course will be structured primarily as a musical theatre audition workshop, where students will have the opportunity to prepare and present several songs of varying styles and historical periods over the course of the semester. This course is not intended to teach students the mechanics of how to sing, but rather how to more effectively act songs and audition for the musical theatre. Students will create a digital portfolio to showcase their mastery of musical theatre performance techniques. **This course does not meet NCAA eligibility requirements.**

**Technical Theatre Design:** 18 weeks – ½ credit

Open to Grades 10, 11, 12

Fee: \$10

This course is designed to give students an overview of the entire process of the technical aspects of designing and running a theatrical production. Students will analyze plays to design projects for sets, lighting, sound, costumes, and make-up. Students will also learn the techniques for the successful publicity and stage management of a play. Students will create a digital portfolio of their mastery of technical theatre elements. **This course does not meet NCAA eligibility requirements.**

**Theatre Production:** 18 weeks – ½ credit

Prerequisite: Acting I, Technical Theatre  
or audition/permission of the instructor

Fee: \$15

Theatre Productions is a culminating course for the serious theatre student. This course is a workshop, which combines the talents of the actor with the production skills of the theatre technician. Two public performances will be presented in this course. Students will create a digital portfolio of their mastery of technical theatre elements. This course may be taken multiple times. **This course does not meet NCAA eligibility requirements.**

## VISUAL ARTS

Entry Level		Advanced Level
Adventures in the Arts (grades 9 – 10) or Art Foundation (grades 11 – 12)	Drawing I Drawing II Drawing III	AP Studio Art
	Painting I Painting II Painting III	
	Ceramics I Ceramics II	Sculpture

**Adventures in the Arts:** 18 weeks – ½ credit

\*Open to grades 9, 10

Fee: \$18

This course is an introduction to 2D and 3D fine arts courses at WHS: drawing, painting and ceramics. There is no prerequisite for this course, however this is an introductory level program for students to explore within the arts. This semester course will acquaint students with a wide variety of art media and techniques, and offer a background for further art appreciation and study. Two fine arts instructors will teach this class, one per nine weeks. Some reading and writing, covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Art Foundations:** 18 weeks – ½ credit

Prerequisite: \*Open to grades 11, 12

Fee: \$12

This course is designed to give students a firm foundation in basic design principles, to acquaint students with a wide variety of art media and techniques, and to offer a background for further art appreciation and study. Students may work in the areas of design, drawing, painting, printmaking, collage, and \*sculpture. Some reading and writing, covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Ceramics I:** 18 weeks – ½ credit

Prerequisite: Art Foundations and/or  
Adventures in the Arts

Fee: \$25

Students will be introduced to the three-dimensional form. The students will study various artists and art periods throughout art history. Students will learn two hand-building methods: pinch, slab and coil. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Ceramics II:** 18 weeks – ½ credit

Prerequisite: Ceramics I (grade C or better)

Fee: \$25

\*Open to grades 10 -12

This course is a more advanced ceramics class. More complex solutions to three dimensional design problems will be required. The course will build on skills learned previously in *Ceramics I*. Various glazing, firing, hand-building, and throwing techniques will be covered. Students will be involved in written and oral assignments as well as the production of ceramic projects. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Drawing I:** 18 weeks – ½ credit

Prerequisite: Art Foundations and/or  
Adventures in the Arts

Fee: \$12

This course focuses on the fundamentals of drawing and explores a variety of materials (pencil, charcoal, chalk, pen and ink, conte' crayon), techniques (cross-hatch, ink wash, pointillism), and subject matter (which may include still life, landscape, animals and nature, people). Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Drawing II:** 18 weeks – ½ credit

Prerequisite: Drawing I

Fee: \$12

This course emphasizes the continued development of good drawing techniques with special attention on figure drawing and rendering of natural/found objects. Students will work with a variety of materials and subjects, with more individual expression and interpretation encouraged. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Drawing III:** 18 weeks – ½ credit

Prerequisite: Drawing II

Fee: \$12

This course further develops drawing techniques and focuses on composition and uses of color. A variety of materials and subjects will be explored. Some reading and writing covering relevant topics is required. **This course does not meet NCAA eligibility requirements.**

**Painting I:** 18 weeks – ½ credit

Prerequisite: Art Foundations and/or  
Adventures in the Arts

Fee: \$20

This is a painting course covering all of the major media: tempera, watercolor, oils, and acrylics. Students will learn how to mix and blend colors, varied techniques of each medium, and work with a variety of subjects. Some art history and appreciation is included in this class. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Painting II:** 18 weeks – ½ credit

Prerequisite: Painting I

Fee: \$20

This semester course is a continuation of *Painting I* with special emphasis on watercolor and canvas (oil or acrylic) painting, and the special effects and techniques of both media. Students will be encouraged to experiment with a variety of painting styles. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**



**Painting III:** 18 weeks – ½ credit

Prerequisite: Painting II & Drawing I is recommended

Fee: \$20

This course further develops the artist's mediums of choice. Subjects will include the figure, still life, and personal selections. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Sculpture:** 18 weeks – ½ credit

Prerequisite: Ceramics I & II

Fee: \$35

This course will focus on idea development, using both traditional and non-traditional three-dimensional materials such as: paper mache, clay, metal and textiles. It will emphasize conceptual reasoning and consideration of material choice, craft, form, space, site, presentation and context. It will provide a forum for the discussion and exploration of sculptural practices and the possibilities made available by such an expansive field.

**Advanced Placement Art Studio:** 36 weeks – 1 credit

Prerequisite: Permission of Instructor

Fee: \$50

Instructor PERMISSION ONLY-- which MUST include at least Drawing I and Painting I, examples of student artwork/portfolio, with a grade of "B" or better in all related courses, and/or permission of the instructor.

This advanced-level course provides serious art students with an opportunity for intense study and a concentration of work in art. It is taken ONLY with permission from the instructor. Students design their own curriculum; yet follow a rigorous syllabus with the final goal of submitting their portfolios for evaluation. Students may choose one of the following two portfolio-types to submit in May for possible college credit: Drawing or 2-D Design. Expenses for submission of the portfolio are the responsibility of the student. A material fee will be charged. **This course does not meet NCAA eligibility requirements.**

## FOREIGN LANGUAGE

### French

**French I:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$15-18

This course is an introduction to the basic structure. A foundation in pronunciation skills and oral comprehension is established through pattern practices and guided conversation. The differences between French and francophone culture and our own are introduced in the first year primarily through the text, dialogues, recordings, videos, songs, computer activities, special projects, and discussions. Students will be required to purchase a workbook to be used in this course.

**French II:** 36 weeks – 1 credit

Prerequisite: French I

Fee: \$15-18

This course continues the emphasis on oral skills but also expands the student's knowledge of the written language and cultural aspects of the francophone world. Students will be required to purchase a workbook to be used in this course.

**French III:** 36 weeks – 1 credit

Prerequisite: French II

Fee: \$15-18

Through a variety of movies, readings and projects the students learn more of the French and francophone people and their heritage. Students will also enrich their knowledge of expressions and variety of tenses to use in conversation and writing. Prepared readings in French literature are interpreted. Students will be required to purchase a workbook for this course.

**French IV:** 36 weeks – 1 credit

Prerequisite: French III

Fee: \$15-18

This course is conducted entirely in French and encompasses the skills of comprehension, conversation, and writing. The construction of the language is reviewed, works of literature are read and discussed in French, and creative writing is expanded; history and civilization are taught through slides, videos, skits, recordings, guest speakers, lectures and reading. Students will be required to purchase a workbook for this course.

**Advanced Placement French:** 36 weeks – 1 credit

Prerequisite: French IV

Fee: \$15-18

This course combines work in listening, conversation, reading, writing and grammar review. Students use movies, videos, recording, computer programs, current magazines, newspapers and French literature. The course will prepare the student to take the Advanced Placement test in French Language, but the exam is not a requirement. A college text will be used.

## German

**German I:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$15-18

This course is designed to develop basic speaking and writing skills, listening and reading comprehension and basic grammatical structures as well as develop a greater awareness of and appreciation for the culture of German-speaking countries. Students will learn German through the textbook, songs, skits, dialogues, videos, special projects and daily communicative activities. German I students have the opportunity to host a German exchange student from the Friendship Connection. Students will be required to purchase a workbook for this course.

**German II:** 36 weeks – 1 credit

Prerequisite: German I

Fee: \$15-18

This course continues the emphasis of the four language skills; reading, writing, speaking and listening as well as further work with grammatical structures. Students will learn German through the textbook, songs, skits, dialogues, videos, special projects and daily communicative activities. This course stresses interactive skills that present and develop students' German skills in situations that also give the students greater awareness of the culture of German-speaking countries. German II, III, IV and A.P. students have the opportunity to host and participate in the German exchange program, the Friendship Connection. Students will be required to purchase a workbook for this course.

**German III:** 36 weeks – 1 credit

Prerequisite: German II

Fee: \$15-18

This course is designed for students who have an intermediate level ability in German. This course is conducted primarily in German and builds on the development of speaking and writing skills, listening, reading comprehension, and reviewing major grammatical structures. This course stresses interactive skills that present and develop students' German skills in situations that also give the students greater awareness of the culture of German-speaking countries. Students will also view an authentic German film. German II, German III, German IV, and A.P. students have the opportunity to host and participate in the German exchange program, the Friendship Connection. Students will be required to purchase a workbook for this course.

**German IV:** 36 weeks – 1 credit

Prerequisite: German III

Fee: \$15-18

This course will include the study of more advanced conversation and grammar structures. There will be weekly writing in German. The class will be conducted entirely in German. Students will watch films in German and have the chance to listen to German radio plays. They will also have opportunities to read original German literature and to communicate in depth with German exchange students visiting our school.

**Advanced Placement German:** 36 weeks – 1 credit

Prerequisite: German IV

Fee: \$15-18

This course is intended to prepare the student for the Advanced Placement Examination in German Language. The examination is optional and the student will bear the expenses for the examination. Great emphasis will be placed on all the language skills. It will include a thorough grammar review. Students will have the opportunity to read German literature, see films, write journals, speak to native speakers, sing songs, and act in German plays. Students will be required to purchase a workbook for this course.

**International Baccalaureate Certificate Program -- German Ab Initio:** (language B) standard level only

36 weeks – 1 credit

Prerequisite: Minimum of two years high school German

Fee: TBA

**Junior German** – Non-diploma students will be treated exactly the same as diploma students in this class. Students will complete Book I of the *Deutsch Aktuell* program. Students will learn the basics of German grammar, including genders of nouns and plurals, using verbs in the present, past, and future tenses, and the use of cases. Students will be taught to talk about themselves, their homes, likes and dislikes, school, city, country life, food, holidays, work and pleasure, sports and traveling. Focus will be on language acquisition in both years of study. Travel to Germany between the junior and senior year and hosting a German student during our spring break, (Friendship Connection) is highly recommended. Plan to meet at least once during the summer with the class. Chapter tests and daily quizzes will be given both years.

**Senior German** – Students will complete Book II of the *Deutsch Aktuell* program in the first semester. Students will review the first year of German, learn about the comparative and superlative of adjectives, reflexive verbs, imperfect tense, past tense of modal verbs, genitive case, demonstrative pronouns, adjective endings, prepositions after the accusative, dative and two-way prepositions, conjunctions, and verbs with the dative case. Students will be taught to ask about what to do at the airport, on various vacations, about life at home, more about foods and eating, shopping, hobbies and interests, celebration days, communication, health, professions, driving and German young people. During the second semester, the focus of the course will be on speaking, writing, and grammar review. The students will prepare for their internal assessment along with the diploma students. Students will give their oral projects and take their oral evaluation in the spring. Students who have worked hard and do well on the German Ab Initio (language B) exam will receive a certificate of achievement from the IB organization.

## Spanish

*\*\* Students coming in from other schools must take a placement test for proper course placement. (e.g. Students wishing to take Spanish II without having completed Spanish I at Edgewood or Wooster High School must pass the Spanish I final exam with a B- or better to be admitted to Spanish II.)*

**Spanish I:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$15-18

This is an introductory level course. The skills of reading, writing, listening and speaking are developed; proper pronunciation is stressed. The student's goal is to acquire a balance in all of these areas through the support of strong study habits and organizational skills. Hispanic countries, ways of life, attitudes, and customs are also explored. The student must be able to manipulate grammatical structures by the end of the year. The student will be required to purchase a workbook for this course. It is suggested that a student have a second semester average of "B-" or better in *Spanish I* before advancing to *Spanish II*.

**Spanish II:** 36 weeks – 1 credit

Prerequisite: Spanish I

Fee: \$15-18

This course is a continuation of the concepts learned in Spanish I. Again, the four skills are interdependent, but more emphasis is placed on reading and correct written and grammatical constructions. Culture is also central to the course as Hispanic countries, ways of life, attitudes, and customs are examined. Students will be required to purchase a level II workbook. It is suggested that a student have a second semester average of “B-” or better in *Spanish II* before moving to *Spanish III*.

**Spanish III:** 36 weeks – 1 credit

Prerequisite: Spanish II

Fee: \$15-18

The student will continue the development of the four language skills: speaking, listening, reading, and writing. The third-year student advances to more specialized grammar and communicative functions. Through songs, skits, games, guest speakers, and varied technology, students are challenged to become more proficient in Spanish and more knowledgeable in culture and global citizenship. Students will be required to purchase a level III workbook. It is suggested that a student have a “B-” or better in *Spanish III* before advancing on to *Spanish IV*.

**Spanish IV:** 36 weeks – 1 credit

Prerequisite: Spanish III

Fee: \$15-18

**Dual Credit Option – Must Enroll Through Wayne College** \*Possible additional fee of College text  
**Eligibility Requirements grade 11 and 12 participants:**

**(Must have completed application by April 15<sup>th</sup> and have taken ACT prior to May 1)**

- **3.30 cumulative GPA with a 24 ACT Composite or Combined SAT (Math & Critical Reading) of 1110**
- **3.5 cumulative GPA with less than total composites above**
- **Pass all portions of Ohio Graduation Test**
- **Must attain cumulative GPA of at least 3.0 on a 4.0 scale in completed high school courses to be eligible to take equivalent college courses**

This is a college preparatory (Pre-AP) course designed to be an overall review and expansion of the basic skills mastered in Spanish 1, 2 & 3, as well as introduce the student to the AP Spanish Language Exam content. It is intended, through an in-depth examination of grammar, to continue to increase accuracy and consistency in reading through modern literature, in listening to authentic passages in the target language, in writing expository articles on a variety of topics, and to develop oral proficiency. In addition, the student will develop cultural awareness of famous Hispanic artists and authors through thoughtful analysis of their works. All texts used are at a college level and the level of work expected is the same. Students are required to purchase a workbook.

**Advanced Placement Spanish:** 36 weeks – 1 credit

Prerequisite: Spanish IV

Fee: \$22

**AP Spanish Language and Culture:** In this course student will continue their language study by refining the skills they have learned in previous courses in preparation for the AP exam in May. It is designed around six modern and relevant themes that integrate language, content and culture that provide the use of the language in a variety of contexts. AP Spanish will be presented as a “flipped” classroom where the Blackboard framework will be implemented. Students will be expected to login to their class account daily to complete assignments and task required for discussion in class. Initially, class will meet in the classroom 5 days a week, however the goal is for the student to work independently and there will be weeks when we only meet 3 days a week. The other two days, the student will be expected to complete tasks via Blackboard on their own, at school, at their own pace using their own media device or laptops provided by the school. Purchase of a workbook is required.

**International Baccalaureate Certificate Program – Spanish:** 36 weeks – 1 credit per year

Prerequisite: Minimum 2 years of high school Spanish    Fee: TBA

This is a two-year course. Students may earn advanced college credit for successful performance on IB examinations. Students may choose HL (higher level) or SL (standard level). At the end of the two-year course, exams are given in May of the senior year. Students should know that college credit is generally awarded for successful HL scores on the exams. Class is held every day for two years, one period each day. In IB Spanish there is a strong focus on fluency, reading, and writing, with much grammar being emphasized junior year, and units done senior year, such as Youth, Health, The Environment, Art and Music, Technology, and others, once again with emphasis on fluency during oral presentations, debates and other activities which engage students in conversations to practice fluency, the major goal of a Lengua B course, which is foreign language course in the IB program, with Lengua A being skills. Hispanic countries, ways of life, attitudes, and customs are also explored. The student must be able to manipulate grammatical structures by the end of the year. The student will be required to purchase a workbook for this course. It is suggested that a student have a second semester average of "B-" or better in *Spanish I* before advancing to *Spanish II*

## HEALTH AND PHYSICAL EDUCATION

The purpose of physical education is to promote lifetime health and fitness that reduces the risk of heart disease, stroke, diabetes, and other lifestyle health problems. The curriculum is designed to use instruction and assessment that promotes individual selection of physical education offerings to maximize participation. All physical education curriculums will be tied to National Physical Education Standards.

Students must earn a half credit of physical education as part of the graduation requirement. Each semester of *Physical Education* is worth ¼ credit. A student must take two semesters of *Physical Education* to meet the requirement. A student may elect any two semesters to meet this requirement.

**Students who would be interested in taking summer school physical education are eligible on a first-come, first-served basis. All summer school physical education is based on student interest and availability.**

**Health:** 18 weeks – ½ credit

Requirement for graduation

Fee: \$18

This course is designed to aid teenagers in achieving their goal of good physical and mental health. The course of study will include the causes of disease, symptoms, diagnosis, dangers, prevention and treatment. Emphasis will be placed on the major health problems of the young: alcohol, smoking, drugs, sexually transmitted diseases, and general behavior. The course also will include instructions on CPR and first aid. A fee will be charged for *The Red Cross Standard First Aid* book used in this course. Certification for CPR and first aid can be earned if students meet all requirements.

**Physical Education I and II:** 18 weeks – ¼ credit

Prerequisite: None

Fee: \$1

Students are required to take two semesters of Physical Education for graduation. This course is designed to allow for student choice in the physical education activities each student is offered. Students will choose activities from a variety of instructors. Activities will be student driven and based on interest surveys. **This course does not meet NCAA eligibility requirements.**

The following are exercise and activity suggestions that may be included in the courses.

Team Sports	Aquatics	Exercise/Conditioning
Basketball	Lap Swimming	Recreational Games
Football	Drowning Prevention	Weight Lifting
Hockey	Water Safety	Walking/Jogging
Volleyball	Water Games	Jump Rope
Softball	Individual sports	Plyometric
Soccer	Racket Sports	Injury Rehabilitation
Speed Ball	Golf	
Ultimate Frisbee	Archery	

**Physical Education Waiver:** Wooster students who complete two seasons of district-sponsored and approved interscholastic athletics, marching band, or cheerleading have the option of waiving the physical education requirement for graduation. This only applies to grades 9-12 students.

**Students will not receive *credit* for these activities;** all required credits for graduation, including elective credits are still necessary. With this option, however, students may take other electives in the place of physical education.

**The PE Waiver request form is located at [www.woostercityschools.org](http://www.woostercityschools.org), click on Forms, and then choose PE Waiver under Wooster High School Forms. This form must be completed prior to starting the approved activity.**



## MATHEMATICS

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I  Honors Algebra I  Geometry	Geometry  Honors Geometry  Algebra II	Applied Mathematics (Permission only)  Algebra II Honors Algebra II	Algebra II  Function, Statistics and Trigonometry Pre-Calculus  AP Statistics
Honors Geometry	Honors Algebra II  Algebra II	Pre-Calculus Function, Statistics and Trigonometry AP Statistics	AP Calculus AB
Honors Algebra II	Pre-Calculus Function, Statistics and Trigonometry	AP Calculus BC  AP Calculus AB  AP Statistics	AP Calculus BC

All students need to obtain teacher recommendation for desired course selection. Students will do this by procuring the signature of their current math teacher prior to registration. See guidance counselors for registration form. **Exceptions to these guidelines will be handled case by case. For more information, present case to teacher and guidance counselor for consideration.**

Students who fail a required course shall repeat the course and must earn a passing grade for credit before taking the next required course. Students may also earn credit for a failed required course in summer school. Summer school courses may not be taken in lieu of the regular full-term course at Wooster High School.

Four years of high school mathematics are required for high school graduation. It is important for students to build upon a good foundation of mathematical concepts.

**Algebra I:** 36 weeks – 1 credit

Prerequisite: None

Fee: None

This course includes topics of solving and graphing solutions of open sentences with one or more variables, simplifying and factoring polynomial expressions, simplifying radical expressions, and creative problem solving. This course places a strong emphasis on word problems and an investigative approach. This course also meets preparation requirements for college intending students. Course topics will be aligned to Common Core State Standards.

**Honors Algebra I:** 36 weeks – 1 credit

Prerequisite: Explore Score 20+ Math

Fee: None

This course is for students who show high ability and interest in mathematics and are prepared for more rigors. Students need to have mastered arithmetic concepts and pre-algebra skills. The course content will include solving and graphing solutions of open sentences with one or more variables, simplifying and factoring polynomial expressions, simplifying radical expressions, and creative problem solving. Course topics will be aligned to Common Core State Standards.

**Geometry:** 36 weeks – 1 credit

Prerequisite: Algebra I

Fee: None

The course content will include topics such as coordinate geometry, transformations, measurements, areas and volumes, logical reasoning, congruencies, similarities, constructions and trigonometry, but with more emphasis on practical, intuitive approaches to solving problems. This course also meets preparation requirements for college intending students. Course topics will be aligned to Common Core State Standards.

**Honors Geometry:** 36 weeks – 1 credit

Prerequisite: Algebra I  
Explore Score of 20+ Math

Fee: None

Topics include coordinate geometry, transformations, measurements, areas and volumes, logical reasoning, congruencies, similarities, constructions and trigonometry. This course is for college intending students with a strong background in *Honors Algebra I* and a strong work ethic. Course topics will be aligned to Common Core State Standards.

**Applied Mathematics:** 36 weeks – 1 credit

Prerequisite: Geometry

Fee: None

**THIS COURSE IS TAKEN AFTER GEOMETRY AND BEFORE ALGEBRA II**

PERMISSION ONLY

This course is a bridge to higher-level mathematics for students who have passed *Algebra I* and *Geometry* with grades of C- or lower. Topics from algebra and geometry will be reinforced, and applications of mathematics in the real world will be an emphasis. Topics covered in *Applied Mathematics* include solving one-variable equations, solving linear systems, problem-solving with proportional reasoning, writing and interpreting linear equations, representing functions in various ways, applying exponential models to real-world situations, analyzing data, and finding simple and compound probabilities. This course is used to strength mathematics skills in preparation for Algebra II. Course topics will be aligned to Common Core State Standards. **This course does not meet NCAA eligibility requirements.**

**Algebra II:** 36 weeks – 1 credit

Prerequisite: Geometry

Fee: None

This course is designed for students who plan to major in areas other than pure mathematics or science. Course topics are aligned to the Common Core State Standards. Topics include: sequences, linear systems, circular trig., and quadratic, polynomial, logarithmic, and radical functions. The pace is not as fast as Honors Algebra II and the level of difficulty is a bit less. **This is a graduation requirement.**

**\*\*Any student taking Algebra II is required to have a Texas Instrument graphing calculator. The Texas Instrument TI-84 Plus graphing calculator is used for classroom instruction.**

**Honors Algebra II:** 36 weeks – 1 credit

Prerequisite: Honors Geometry  
Explore or Plan Score of 21+ Math

Fee: None

Honors Algebra II is for students who plan to major in mathematics or science in college. This is a fast paced, rigorous course. The student must have a strong foundation of Honors Algebra I and Honors Geometry. Course topics will be aligned to the Common Core State Standards. Topics include: sequences, linear systems, circular trig., and quadratic, polynomial, logarithmic, and radical functions. **Students must have either an Algebra II or Honors Algebra II credit to graduate.**

**\*\*Any student taking Algebra II is required to have a Texas Instrument graphing calculator. The Texas Instrument TI-84 Plus graphing calculator is used for classroom instruction.**

**Functions, Statistics and Trigonometry:** 36 weeks – 1 credit    Prerequisite: Algebra II, Honors Algebra II  
\*Open to grades 11, 12

This course will enable students to display, describe, transform and interpret numerical information represented as data, graphs or equations. Descriptive statistics, statistical modeling, probability, simulation, are all covered. A major theme of this course is the use of polynomial, exponential, and trigonometric functions to model real world situations. Graphing calculators will be incorporated throughout the course. *Function, Statistics and Trigonometry* may not be taken after pre-calculus; however, the two courses may be taken simultaneously with teacher permission.

\*\*Any student taking *Function, Statistics and Trigonometry* is required to have a Texas Instrument graphing calculator. Texas Instrument (TI-84 Plus) graphing calculators are used for classroom instruction

**Pre-calculus:**      36 weeks – 1 credit      Prerequisite: Honors Algebra II      Fee: None  
Plan Score 21+ Math

**Dual Credit Option – Must Enroll Through Wayne College** \*Possible additional fee of College text  
Eligibility Requirements grade 11 and 12 participants:

(Must have completed application by April 15<sup>th</sup> and have taken ACT prior to May 1)

- 3.30 cumulative GPA with a 24 ACT Composite or Combined SAT (Math & Critical Reading) of 1110
- 3.5 cumulative GPA with less than total composites above
- Pass all portions of Ohio Graduation Test
- Must attain cumulative GPA of at least 3.0 on a 4.0 scale in completed high school courses to be eligible to take equivalent college courses

\*\*Eligibility Requirements for grade 10 participants: (Must apply by May)

- 3.75 cumulative GPA
- 26 ACT Composite or Combined SAT (Math & Critical Reading) of 1150
- Letter of Recommendation from school math instructor

This is a course in elementary functions including polynomial, rational, irrational, logarithmic, exponential, circular, trigonometric, and inverse trigonometric functions. Techniques in graphing all of these functions along with proper mathematical vocabulary are stressed to promote good mathematical communications. The study of systems of equations, inequalities, complex numbers, sequences and series, mathematical induction and an intuitive approach to the limit will also be a part of the course. As current technology plays a vital role in this course, students are required to have and use a graphing calculator. Texas Instrument (TI-84 Plus) graphing calculators are used for classroom instruction. Students may obtain college credit through dual enrollment.

**Advanced Placement Calculus AB:**    36 weeks – 1 credit      Prerequisite: Pre-calculus    Fee: AP Test Fee  
Pre-Calc & Plan 22+ Math

This course covers those topics normally included in the first semester and part of the second semester courses of calculus at the college level. The course is designed as an advanced placement course so that the student may obtain college credit or placement after successfully writing an advanced placement examination in May. The examination is at the expense of the student, however, it is not a requirement of the course. Although many of the concepts in calculus will be new to the students, the study of calculus requires a thorough understanding of algebra, geometry and trigonometry. The graphing calculator is a requirement in *AP Calculus AB*. Those students taking the AP Calculus exam may be exempt from the comprehensive final.

**Advanced Placement Calculus BC:** 36 weeks – 1 credit

Prerequisite: Pre-Calc      Fee: AP Test Fee  
Plan 22+ Math

This is a rigorous course covering those topics normally included in the **first** and **second** courses of calculus at the college level. This course is designed as an advanced placement course so that the student may obtain college credit or placement after successfully writing an advanced placement examination in May. The examination is at the expense of the student, however, it is not a requirement of the course. The study of calculus requires a thorough understanding of algebra, geometry, and trigonometry. The graphing calculator is a requirement in *AP Calculus BC*. Those students taking the AP Calculus exam may be exempt from the final exam.

**Advanced Placement Statistics:** 36 weeks – 1 credit

Prerequisite: Algebra II or      Fee: AP Test Fee  
Honors Algebra II or  
Plan score 24+ Math

**AP Statistics may be taken concurrently with either *Pre-calculus* or *Calculus*.**

Statistics is a vital, thriving, and exciting field of study. In this age of information technology, it is to the student's advantage to have an understanding of the basic concepts of statistics and have had practice making informed statistical decisions about real data. AP Statistics is a discussion, activity, and project, based course – truly “hands on” in nature. Students will be immersed in real problems to learn to explore, summarize, and display data; design surveys and experiments; use probability to understand random behavior; make inferences about populations by looking at samples from those populations; and make inferences about the effect of treatments from designed experiments. As in real situations, students will be expected to justify the techniques they use, fully explain their process, and interpret their results in the context of the problem. A graphing calculator is required for this course. The IT-84+ is the recommended calculator.

Although taking the AP Statistic exam is NOT a requirement, students will prepare for the exam and will practice the formulas and released free-response questions from the AP Statistics exam throughout the course. Therefore, students are encouraged to take the exam as scoring well on the exam may enable them to either meet their college math requirement or start their college studies at a higher level of placement. Please feel free to contact a member of the mathematics department with any questions.

## MEDIA/PRODUCTIONS

This department combines journalism, yearbook, and newspaper into one group of curricula and production-related programs and courses. At the center of this department is a commitment to establish a synthesis of application and academic excellence. Thus, creating a portfolio for future college and/or employment endeavors is a major component for students who want to pursue media/communications courses.

All students wishing to be on the newspaper staff or yearbook staff will be required to have taken one semester of the basic course *Introduction to Media* to be considered for any production level class. This course focuses on the various types of writing and background information required for media.

*Introduction to Media* will count as English credit toward NCAA eligibility requirements. *Newspaper Production* and *Yearbook Production* (all levels) classes do not meet the NCAA eligibility requirements and will count toward elective credit.

**Introduction to Media:** 18 weeks – ½ Credit

Prerequisite: \*Open to grades 9 - 11

**May be used for ½ credit English elective.**

This introductory course combines journalism and mass media and serves as the prerequisite for students who want to be on future production staffs (including newspaper and yearbook) or want an introduction to journalistic writing/communication techniques. As such, the course will cover basic journalistic writing skills and forms to include newspaper, yearbook, and broadcast writing as well as critical thinking/reading skills. Daily newspaper reading, media history, law/ethics, interviewing, current practices/vocation and an understanding of the electronic/broadcast communications field will be covered. Students can expect significant news and related writing assignments and projects related to media to prepare them for future production classes. This course is required, along with application and instructor permission, for all production classes including newspaper and yearbook. **Summer reading is required.**

**Newspaper I:** 36 weeks – 1 credit

Prerequisite: Introduction to Media

Fee: \$100

This laboratory-type course produces the WHS student newspaper *The Wooster Blade*. Class size is limited and students must apply. Students will be involved in all the basics of planning, editing, reporting, writing, layout/design, circulation, advertising, sales of advertising, and photography. Intense participation on an active staff is expected and deadlines are a crucial element of the class. After school work and some evenings are required. Keyboard skills are encouraged. This course may be repeated for credit. This is a production class in which meeting deadlines and maintaining regular attendance are essential. Failure to do so could end in grade reduction or removal from class. **Summer reading is required. This course does not meet NCAA eligibility requirements.**

**Newspaper II:** 36 weeks – 1 credit

Prerequisite: Newspaper I  
and instructor permission

Fee: \$100

Students successfully completing a year in *Newspaper Production I* can take this advanced level opportunity. Staff members will be expected to assume editorial and leadership positions contributing to all aspects of the Wooster production. Staff members will be required to take responsibility for photography, feature writing, advertising campaigns, competition critiques, seminars and generally, direct and supervise along with the adviser, production of *The Wooster Blade*. An expectation of students at this level is that they have a commitment to newspaper/media and some intention to pursue related skills/studies in college or vocation. Development of a portfolio is required. This is a production class in which meeting deadlines and maintaining regular attendance are essential. Failure to do so could end in grade reduction or removal from class. **Summer reading is required. This course does not meet NCAA eligibility requirements.**

**Newspaper III:** 36 weeks – 1 credit

Prerequisite: Newspaper II  
and instructor permission

Fee: \$100

See description for *Advanced Newspaper Production II*. This third level of newspaper production is possible for those students who assume editor status, want extensive pagination/photojournalism involvement, continuation of feature and investigative reporting and may be pursuing collegiate plans in the media/communications field. A portfolio is required. This is a production class where meeting deadlines and maintaining regular attendance are essential. Failure to do so could end in grade reduction or removal from class. **Summer reading is required. This course does not meet NCAA eligibility requirements.**

**Yearbook Production I:** 36 weeks – 1 credit

Prerequisite: Introduction to Media  
Creative Writing or Photography

Fee: \$100

Students will be responsible for the organization, production, and promotion of the school yearbook. Students will be exposed to journalistic photography and writing and will learn the basics of desktop publications. Class size is limited to 20 and students must apply. Applications are available in the high school guidance office. This course may be repeated for elective credit. **This course does not meet NCAA eligibility requirements.**

**Yearbook Production II:** 36 weeks – 1 credit

Prerequisite: Yearbook I  
and instructor permission

Fee: \$100

Students enrolling for a second year of yearbook will take on extensive roles in the production of the book. Student editors will be selected as well as layout editors and a business manager. In conjunction with these roles the second year students will serve, with the first year students, as staff writers, photographers, and desktop publishers. Class size is limited to 20 students and permission is given by the advisor to reenter the yearbook course. This course does count as a credit toward graduation, but not an English credit. **This course does not meet NCAA eligibility requirements.**

**Advanced Yearbook Production III:** 36 weeks – 1 credit

Prerequisite: Yearbook II  
and instructor permission

Fee: \$100

See description for *Yearbook Production II*. This third level of yearbook production is possible for students who assume editor status, want extensive knowledge in desktop publication using InDesign CS4, and journalistic skills. *Advanced Yearbook Production III* students also serve as the leaders of the class taking on mentor roles. *Advanced Yearbook Production III* students should be those pursuing collegiate plans in the media/communications field. This is a production class in which meeting deadlines and maintaining regular attendance during school and at work nights are essential. **This course does not meet NCAA eligibility requirements.**

**Advanced Yearbook Production IV:** 36 weeks – 1 credit

Prerequisite: Yearbook III  
and instructor permission

Fee: \$100

See description for *Yearbook Production III*. This fourth level of yearbook production is possible for students who assume editor status, want extensive knowledge in desktop publication using InDesign CS4, and journalistic skills. *Advanced Yearbook Production IV* students also serve as the leaders of the class taking on mentor roles. *Advanced Yearbook Production IV* students should be those pursuing collegiate plans in the media/communications field. This is a production class in which meeting deadlines and maintaining regular attendance during school and at work nights are essential. **This course does not meet NCAA eligibility requirements.**

**Digital Film Production I:** 18 Weeks – ½ credit

\*Open to grades 10 – 12

Fee: \$15

This course is an introduction to television studio and field production. The course will acquaint students with the technical and aesthetic concepts involved in successful Video Production. Students will develop skills through a series of in-class exercises, studio and field exercises and critical evaluations of past and present production styles. This course is designed to familiarize students with the process and tools associated with Video Production. Special emphasis is placed on single and multi-camera techniques with emphasis on professional aptitudes and attitudes. **This course does not meet NCAA eligibility requirements.**

**TV Production:** 18 weeks – ½ credit

Prerequisite: Digital Film Production I

Fee: \$15

A continuation of *Digital Film Production I*, this course will pick up where *Digital Film Production I* leaves off. In addition to the in-class activities, *TV Production* will be responsible for weekly video announcements. Students will assume the roles of a television production studio and will plan, shoot and produce announcements and short films. **This course does not meet NCAA eligibility requirements.**

## MUSIC

**Band:** 36 weeks – 1 credit

Prerequisite: Year Experience

Fee: Uniform cleaning \$20 &  
Participation fee \$100

Students are admitted to the instrumental music program by permission only. There are several offerings and choices open to band students at Wooster High School. Band placement is determined by student request and faculty assignments, taking into consideration student ability. **This course does not meet NCAA eligibility requirements.**

- **Marching Band:** - The marching band is composed of over 200 members in grades 9-12. This group performs during the football season and acts as a parade group for the community. Participants in Marching Band must have been members of the middle school or senior high band program the previous school year. First year members start practice three weeks prior to the beginning of the school year, and returning students begin two weeks before school opens. All marching band members must attend all performances and one evening rehearsal during weeks of home football games. *Marching Band* is comprised of students from *Freshman*, *Concert* and *Symphonic Bands*.
- **Symphonic Band:** - This group is carefully selected by audition following football season. Students must have been in *Marching Band* to be eligible for this organization. Members must attend sectional rehearsals once a week (Nov. through May), all performances, and extra rehearsals.
- **Concert Band:** - This group is carefully selected by audition following football season. Students must have been in *Marching Band* to be eligible for this organization. Students must attend all sectionals, rehearsals (Nov. through May), all performances, and all extra rehearsals.
- **Freshman Band:** - This group is comprised entirely of grade 9 students with previous experience in the middle school band program. Students must participate in *Marching Band* during football season and parades. Students must audition at the end of football season and attend all sectionals (November through May), rehearsals, extra rehearsals, and performances. **(Fee: \$17)**

**String Orchestra:** 36 weeks – 1 credit

Prerequisite: Year Experience

Fee: Uniform cleaning \$6  
Participation \$100

This group rehearses daily as a string ensemble only. During the course of the school year, the strings and wind players are combined for a full orchestra experience. The purpose of this course is to acquaint students with orchestra literature of the highest quality, performance being the main goal. Performance opportunities include various concerts, festivals, and contests. String players are expected to participate in all performances and extra rehearsals. **This course does not meet NCAA eligibility requirements.**

**Concert Choir:** 36 weeks – 1 credit

Prerequisite: Year Experience

Fee: Uniform cleaning \$7.50  
Participation \$100

Concert Choir is open to students in grades 9-12. This course will include the development of the singing voice, music-reading, choral performance practice, listening skills, and the performance of a wide variety of repertoire. The Concert Choir learns and performs music from the 17<sup>th</sup> Century through the present, including: Spirituals, Broadway and Pop Music. Performance opportunities include evening concerts, athletic event performances, and festival adjudication. Students must attend one after school sectional per week (October through April), rehearsals and performances. **This course does not meet NCAA eligibility requirements.**

**Women's Chorus:** 36 weeks – 1 credit    Prerequisite: None

Fee: Uniform cleaning \$7.50  
Participation \$100

Women's Chorus is open to all female vocalists in grades 9-12. This course will include the development of the female voice, music reading, listening skills and the use of harmony. Women's Chorus studies music from the 16<sup>th</sup> Century to modern day pop styles. Performance opportunities include evening concerts and festival adjudication. Required attendance at all rehearsals, performances and selected sectional days. **This course does not meet NCAA eligibility requirements**

**Jazz Band:** 18 weeks – ½ Credit

Prerequisite: None

Fee: None

*Jazz Band* is comprised of 15 - 30 wind and percussion players. Music studied is from the Big Band Era to the present, encompassing all areas of jazz, including swing, fusion, rock, etc. Instrumentation consists of saxophone, trumpet, trombone, piano, bass, drums, (guitar) and percussion. Students need to also be enrolled in band to be in jazz band. Auditions will also be required for participation in the group. **This course does not meet NCAA eligibility requirements.**

**Music Theory and Practice:** 18 weeks – ½ Credit    Prerequisite: None

Fee: \$68

*Music Theory and Practice* is designed for students who are interested in further exploration of music principles. The purpose of this course is to acquaint students with the basic design of music; how to build chords, music composition, etc., all within a historical context. Materials such as staff paper, score paper solfege, materials, and workbooks must be purchased at the students' expense. This course is extremely valuable to students thinking of a career in music. Prior knowledge of music reading is needed for this class. **This course does not meet NCAA eligibility requirements.**



## SCIENCE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> or 12 <sup>th</sup> Grade
Physical Science	Biology  <i>Can take concurrently:</i> Astronomy (semester) Geology I (semester) Geology II (semester)	Conceptual Chemistry Conceptual Physics Astronomy (semester) Botany (semester) Geology I (semester) Zoology I (semester) Chemistry CP Physics CP
Honors Physical Science  <i>Can take concurrently:</i> Astronomy (semester)	Advanced Placement Biology  <i>Can take concurrently:</i>  Chemistry CP  Physics CP Astronomy (semester) Botany (semester) Geology I (semester) Geology II (semester) Human Anatomy I (semester) Human Anatomy II (semester) Zoology I (semester) Zoology II (semester)	<b>(Recommend one or both above, and/or Electives below)</b>  <b>Electives:</b> Advanced Placement Biology Advanced Placement Environmental Science Advanced Placement Physics B/IB Physics Conceptual Chemistry Advanced Placement Chemistry Chemistry CP Physics CP Astronomy (semester) Botany (semester) Geology I (semester) Geology II (semester) Human Anatomy (semester) Human Anatomy II (semester) Zoology I (semester) Zoology II (semester)

Regular diploma: Three credits including *Physical Science* and *Biology*.

Honors diploma: Four credits including *Chemistry* and *Physics*.

**Physical Science:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$5

Earth & Matter – 1<sup>st</sup> semester, a laboratory course in physical science emphasizing matter and its interactions, as it relates to earth and space. The course emphasizes learning by discovery through the development of science skills and lab techniques. Student progress will be evaluated to determine proper course placement. Energy & Motion – 2<sup>nd</sup> semester, a laboratory course in physical science emphasizing energy, forces, and motion. The course emphasizes learning by discovery through the development of science skills and lab techniques. Student progress will be evaluated to determine proper course placement.

**Honors Physical Science:** 36 weeks – 1 credit

Prerequisite: Successful Completion Algebra I  
Explore Score 20+ Science

Fee: \$5

This course offers more rigorous and in-depth laboratory course in physical science, emphasizing energy, forces, and motion. The first semester emphasizes matter and its interactions, as it relates to earth and space. The course emphasizes learning by discovery through the development of science skills and lab techniques. This course requires more independent reading, higher math skills, and responsibility to handle a more demanding homework load. Student progress will be evaluated to determine proper course placement.

**Biology:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$5

A course emphasizing ecological principles, cell structure and function, inheritance, evolution, the diversity of life, and issues in the living world. The course emphasizes learning by discovery through the development of skills and lab techniques. Student progress will be evaluated to determine proper course placement.

**Advanced Placement Biology:** 36 weeks –1 credit

Prerequisite: Explore Score of 21+  
Science \*Open to grades 10 – 12

Fee: \$30

**Note:** Due to the rigor of this course and the time needed for laboratories, additional class/lab time will be required.

Designed to offer the high school student the equivalent of a collegiate first year biology course. Topics include genetic technology, evolution, biochemistry, animal and plant physiology, and taxonomy. The large amount of reading and pace of the course requires the student to devote considerable time and effort to mastering concepts presented. Laboratory work provides the student with experience in a variety of advanced laboratory techniques that supplement understanding of coursework. The culmination of the coursework is the AP Biology Test administered in May. Performance on this test may enable the student to obtain college credit in biology.

**Conceptual Chemistry:** 36 weeks –1 credit

Prerequisite: Biology \*Open to grades 11, 12

Fee: \$5

This is a laboratory course designed for students who do not plan to major in science or a science related field and requires only basic math skills. The course is designed to help students to realize the important role that chemistry plays in their lives; to use societal questions and decision making activities to explore the principles of chemistry. The goal of the curriculum is to present to the students the needs and the skills to acquire technical knowledge to make intelligent decisions for themselves and for the communities in which they belong.

**Chemistry CP:** 36 weeks – 1 credit

Prerequisite: Plan Score of 20+ \*Open to grades 11, 12  
or ACT Score 22+ Science  
Explore Score of 22+ Science \*Open to grade 10

Fee: \$5

This is a college preparatory course that involves a detailed study of matter, its composition and properties, solutions, equilibrium, organic chemistry, and nuclear chemistry. This course uses skills in scientific inquiry and problem solving skills that will also involve the use of factual knowledge. Emphasis is placed on making a variety of scientific measurements and solving mathematical problems. The material presented in this course is designed to prepare students for college level work in the area of chemistry.

**Advanced Placement Chemistry:** 36 weeks – 1 credit      Prerequisite: Chemistry or Physics      Fee: TBD + Testing Fee  
or Plan/ACT Score of 26+ Science

**Note:** Due to the rigor of this course and the time needed for laboratories, additional class/lab time will be required.

Advanced Placement Chemistry is a one year course that is central to the students understanding of the physical and biological world around them. The course is heavily laboratory based with hands on approach to problem solving. The rigor of this course and the time needed for laboratories, additional class/lab time will be required. Students should expect to be engaged in five hours of study outside the classroom per week. Topics covered include: Atomic Theory and structure, states of matter, periodicity, Bonding Theory, gas laws, solutions, thermodynamics, types of reactions, stoichiometry, equilibrium, kinetics organics and descriptive chemistry. The course will help the students develop independent thinking, problem solving, math and laboratory skills required for a successful college experience.

**Conceptual Physics:** 36 weeks – 1 credit      Prerequisite: Biology      Fee: \$5  
Open to grades 11, 12

This course is designed for students who do not plan to major in science or a science related field and requires only basic math skills. It emphasizes the basic principles of physics and problem solving. This is a comprehensive physics course that is taught at a conceptual level.

**Physics CP:** 36 weeks – 1 credit      Prerequisite: Biology and Geometry      Fee: \$5  
\*Plan Science 21+ or ACT Science 22+ Open to grades 11, 12  
\*10<sup>th</sup> Graders passed Geometry/taken concurrently with Biology  
Explore Score of 22+ Science

Designed to prepare students for college level work in physics. Topics include Newtonian mechanics, fluid mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics. Equal emphasis will be placed on theory, problem solving, and laboratory investigations as well as using principles of physics to explain real world products and applications.

**Advanced Placement Physics B/IB Physics:**      Prerequisite: Chemistry or Physics CP      Fee: \$5  
36 weeks – 1 credit      & Algebra II \*Open to grades 11, 12      + Testing Fee  
PLAN Math 23+ & ACT Science 23+

Designed to be equivalent to a first year college physics course. Topics include Newtonian mechanics, fluid mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics. Equal emphasis will be placed on theory, problem solving, and laboratory investigations. This course culminates in the AP Physics Exam administered in the spring that enables students to obtain college credit. AP Physics can also be taken for IB Physics SL certificate. Students are **not** required to take the AP or IB Physics exams.

**Astronomy:** 18 weeks – ½ credit      Prerequisite: Algebra I      Fee: None

This course emphasizes astronomy with a few key concepts in a lab-based format. Using measurements and observations, science concepts are explored and applied. Historical information is included to provide a foundation in which to explore astronomy and show how we observe the universe from earth. Concepts include the sky, distances, sizes and angles, light, paths of planets, gravity, the solar system, and stars.

**Advanced Placement Environmental Science:**  
36 weeks – 1 credit

Prerequisite: Biology & Chemistry  
Science Plan Score of 21+ or ACT 22+

Fee: TBA

**Note:** Due to the rigor of this course and the time needed for laboratories, additional class/lab time will be required.

Advanced Placement Science is a rigorous laboratory-based course designed to be equivalent to an introductory college course in Environmental Science. The course explores the interrelationships of the natural world, environmental problems both natural and human-made, the evaluation of the risks associated with these problems and the examination of solutions. Multiple resources, including texts, laboratories, field experiences, trips and guest speakers will be used so that the learning focus is on the synthesis of ideas and analytical thought. Designed to offer the high school student the equivalent of a collegiate first year environmental science course. Topics include laboratory work that provides the student with experience in a variety of advanced laboratory techniques that supplement understanding of coursework. The culmination of the coursework is the AP Environmental Science Test administered in May. Performance on this test may enable the student to obtain college credit in biology.

**Applied Botany:** 18 weeks – ½ credit

Prerequisite: Biology  
\*Open to grades 11, 12

Fee: \$15

The emphasis of this biology course is on plant culture, plant anatomy and plant physiology as learned through the actual growing of plants. Students will receive extensive hands-on experiences growing and maintaining plants in both greenhouse and outdoor settings. Topics include but are not limited to: flower and vegetable gardening, commercial plant production, Ohio's woodlands and prairies, Ohio's agricultural and fruit production, and soils.

**Geology I (Physical):** 18 weeks – ½ credit

Prerequisite: \*Open to grades 11, 12

Fee: None

This is a one-semester course investigating the dynamics of the Earth in such areas as volcanoes, mountain building, erosion, rock and mineral formation, glaciation, and fossils. A major part of the course will be to correlate these topics with the theory of plate tectonics.

**Geology II (Historical):** 18 weeks – ½ credit

Prerequisite: Geology I & instructor permission

Fee: None

A study of historical geology and Earth systems and processes, such as streams and landscapes, earthquakes, glaciers, mountain building, geomorphology, structural geology, mapping, interpretation and resource exploration. This course will be offered during the second semester only.

**Human Anatomy and Physiology I:** 18 weeks – ½ credit

Prerequisite: Biology  
\*Open to grades 10, 11, 12

Fee: \$10

The course of study will provide students with an understanding and appreciation of the structure and function of the human body at all levels: cellular, tissue, organ, systemic and the whole human organism. It will include discussions, laboratory work, related readings and field experience as allowed. The course is designed to meet the needs of students who want to gain a deeper understanding of the human body, especially those who plan to pursue medicine and other health related careers in their future.

**Human Anatomy and Physiology II:** 18 weeks – ½ credit      Prerequisite: Human Anatomy and Physiology I & instructor permission      Fee: \$10

A continuation of *Human Anatomy and Physiology 1* with emphasis placed on systems not covered in *Human Anatomy and Physiology 1*. This course culminates in a detail of dissection of the fetal pig and a student designed physiology research project. This course will be offered during the second semester only.

**Zoology I:** 18 weeks – ½ credit      Prerequisite: Biology \*Open to grades 11, 12      Fee: \$10

This advanced biology course is the study of the Invertebrate Animal Kingdom with emphasis on vocabulary, taxonomy, anatomy, physiology, and evolution. This course is designed for the serious minded biology student who wishes to pursue their studies in biology in preparation for college.

**Zoology II:** 18 weeks – ½ credit      Prerequisite: Zoology I \*Open to grades 11, 12      Fee: \$10

This advanced biology course is the study of the Vertebrate Animal Kingdom. It will place an emphasis on vocabulary, taxonomy, anatomy and physiology. This course is designed for the serious minded biology student who wishes to pursue their studies in biology in preparation for college.

## STEM/TECHNOLOGY EDUCATION

Studies in the STEM (Science, Technology, Engineering and Mathematics) area allow all students to understand and use technology effectively in order to make successful transitions through the K-12 grades to post-secondary education, the workplace, civic, and daily life becoming lifelong learners. Through the application of technical skills, knowledge, processes, and critical thinking skills, learners will become capable problem solvers and creative thinkers who are prepared to adapt to changing environments, educational challenges and career opportunities.

STEM/Technology Education focuses on problem solving, critical thinking, design, design analysis, teamwork, motivation, technological literacy, exposure to career practices, activities, visualization, following directions, paying attention, skill acquisition and craftsmanship, quality, pride, safety, materials and materials processing, and task completion. It is a subject that helps students become informed about the nature and significance of technology as a prerequisite for effective decision-making.

**Computer Aided Drafting (CAD):** 18 weeks – ½ credit      Prerequisite: None      Fee: None

This is a hands-on class including an introduction to the principles and applications of Computer Aided Drafting Software. Student activities will include the preparation of drawings produced using technology. Suggested for students interested in engineering, architecture or related fields. **This course does not meet NCAA eligibility requirements.**

**Computer Applications:** 18 weeks – ½ credit

Prerequisite: None

Fee: None

This is an **introductory course**, only open to students who haven't taken any other computer course in high school. Using a variety of programs we will learn the importance of computers in our everyday lives. Students will learn how to be more productive with some of the following programs: Microsoft Word, Excel and PowerPoint. Students will also learn the applications included with every Mac computer, in the iLife suite. Students will use this software to organize and create digital audio, image and video projects. This is a project-oriented course. **This course does not meet NCAA eligibility requirements.**

**Graphic Communication I:** 18 weeks – ½ credit

Prerequisite: Open to grades 10 – 12

Fee: \$22

An introductory course dealing with a range of activities in the Graphic Communication Technology area of study and with a focus on the Design Loop in logical problem solving. Areas to be covered include: Graphic Design, with an emphasis on current software applications such as Photoshop and Illustrator, Production Methods, such as heat press printing, resulting in student directed projects (i.e. "T" shirt printing, vinyl production and other current technologies within the area). This course will utilize digital photography and the technologies that accompany it. Students will become familiar with and produce a range of projects using both software and hardware associated with this technology in order to get a better understanding of the design process and message development and presentation. This is primarily a laboratory course with an emphasis on hands-on learning. This course is a pre-requisite to Graphic Communication II. **This class does not meet NCAA eligibility requirements.**

**Graphic Communication II:** 18 weeks – ½ credit

Prerequisite: Open to grades 10 – 12

Fee: \$22

A follow-up to Graphic Communication I with an emphasis in the following areas: Design and layout, to include work using software such as Photoshop and Illustrator, to create original and creative student directed projects. Advanced techniques in each area will be explored to include multicolor work and branding methods. Further study and investigation into the area of photography as a communication tool will be completed. There will also be other investigations into additional forms of image generation. **This class does not meet NCAA eligibility requirements.**

**Foundations of Technology:** 18 weeks – ½ credit

Prerequisite: None

Fee: \$25

This hands on course prepares students to understand and apply basic technological concepts and processes that affect society today. Group and individual activities engage students in creating ideas, developing innovations, and engineering practical solutions. A focus will be placed on the 4 core areas of Technology: Construction Technology, Manufacturing Technology, Transportation Technology and Communication Technology. Focus will also be on the engineering design loop for problem solving. **This class does not meet NCAA eligibility requirements.**

**Manufacturing Technology:** 18 weeks – ½ credit  
**(Adventures in Entrepreneurship)**

Prerequisite: Open to grades 10 – 12

Fee: \$22

WANT TO BE YOUR OWN BOSS? Take hold of your future through entrepreneurship. This course will consist of classroom, laboratory and field experiences involving the major aspects of a business enterprise in order to study the technology and the socioeconomic contributions of industry. This will include, but not be limited to, product design, enterprise financing, marketing, sales, and distribution. Students will begin by learning about the different aspects of running a business, followed by the selection of a business to run and delegation of responsibilities. During the production or action phase students will learn about production flow and distribution. Time will be spent outside of the classroom setting on marketing, sales and distribution. **This course does not meet NCAA eligibility requirements.**

**Principles of Technology I:** 18 weeks – ½ credit

Prerequisite: Algebra I

Fee: \$25

This course provides hands-on experiences in principles and processes essential for the study of the technology systems courses and develops a foundation for students interested in any technical field of study. This course provides a hands-on approach to understanding the fundamental principles and concepts of physics and associated mathematics. Emphasis is placed on understanding mechanical, electrical, fluid, and thermal systems as they relate to work, force, rate, resistance, energy, and power. An introduction will be given to the four areas of technology education: Construction Technology, Communication Technology, Transportation Technology, and Manufacturing Technology. Emphasis is placed on problem-solving, design, technical communication, modeling, testing, evaluation, and implications of technology. Activities are structured to integrate physical and social sciences, mathematics, language and fine arts. This course and TSA (Technology Student Association) technical and leadership activities enhance the skills of students interested in pursuing technical, engineering, or science related careers. Algebra I and CAD are recommended prerequisites, but not required. **This course does not meet NCAA eligibility requirements.**

**Principles of Technology II:** 18 weeks – ½ credit

Prerequisite: Principles of Technology I

Fee: \$25

A pre-engineering and science course and a continuation of laboratory-based experiences, students focus on mechanical, electrical, fluid, and thermal systems as they relate to human needs, wants and the manipulation of materials and tools in the four areas of technology. Emphasis will be placed on full execution of the design loop as it pertains to real-world experiences and activities. Activities are structured to integrate science, mathematics, and language arts. This course and TSA activities further enhance the skills essential for success in technical, engineering, and science related fields. **This course does not meet NCAA eligibility requirements.**

## SOCIAL STUDIES

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> or 12 <sup>th</sup> Grade
<u>Required</u> World Studies or Honors World Studies  Advanced Placement European History – (by Special Selection)	<u>Required</u> US History or Advanced Placement US History	<u>Required</u> American Government Advanced Placement American Government <u>Electives:</u> Advanced Placement European History Advanced Placement Psychology Classical Middle Ages (semester) Contemporary Issues (On-line, by permission only) Holocaust and the Dangers of Indifference (semester) Psychology (semester) Sociology (semester) World Geography (semester)

**World Studies:** 36 weeks – 1 credit

Prerequisite: None

Fee: None

The course will examine the intermingling of Eastern and Western cultures from 1500 to the present and how various historical periods have shaped our modern world cultures. Topics such as Imperialism, Enlightenment, Nation Building, Industrialization, the 20th century wars, and the Cold War will be examined.

**Honors World Studies:** 36 weeks – 1 credit

Prerequisite: 8<sup>th</sup> Explore 19+ Reading

Fee: None

This course offers a more rigorous and in-depth look at the intermingling of Eastern and Western cultures from 1500 to the present and how various historical periods have shaped our modern world cultures. Topics such as Imperialism, Enlightenment, Nation Building, Industrialization, the 20th century wars, and the Cold War will be examined. This course offers more independent reading, greater expectations of written work, and greater responsibility of the student to handle a more demanding homework load.

**United States History:** 36 weeks – 1 credit

Prerequisite: World Studies

Fee: None

After a review of our founding documents and reconstruction, the first semester of this course will be spent studying the history of the United States beginning with the Industrial Revolution while identifying the changes from this era that persist today. At this point, students will take a closer look at the social reform movements that followed the industrial and agricultural revolutions and the closing of the frontier in 1890. The first semester will conclude with a focus on Imperialism and the Progressive Era leading up to World War I. The main emphasis of the second semester will be to focus on the dawning of the 20th Century. An exploration of major events confronting our nation at the turn of the century and our emergence on to the world stage in World War I will be the starting point. From there the course will focus on the Roaring Twenties and the stock market crash. After examining the tragic events of the Great Depression, the focus will be on World War II and its aftermath, as students will have the opportunity to investigate the sweeping post-war changes on American ideas, ideals, and human values as our nation is propelled into the Cold War years. In the latter part of the semester students will have the opportunity to focus on the U.S.-Soviet relationship during the Cold War, the advances in science and technology embodied in the space race, U.S. foreign policy issues and involvement in Vietnam, the civil rights movement of the 1960's, and more recent issues relating to the current role of the United States in the post-Cold War Era as it leads to the dawn of the 21st Century.



**Advanced Placement United States History:**\*Open to grades 10 -12  
Explore Reading 19+

Fee: AP Test

The AP program in US History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in US history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship. An AP US History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. (<http://www.collegeboard.com/student/testing/ap/>) All AP US History students are expected to take the College Board AP exam given in May.

**American Government:** 36 weeks –1 credit

\*Open to grades 11, 12

Fee: None

This course analyzes the structure, operations, and philosophy of American government. There shall be an emphasis on the establishment of the Constitution, the understanding of federalism, the political party system, the electoral process, and the three branches of government (legislative, executive, and judicial). Students will learn the functions, powers, and the making of laws of Congress; presidential powers and the making of foreign policy; and the organization of the federal court system and its relationship to civil rights issues. The four great “isms” (capitalism, socialism, fascism, and communism) will also receive attention.

This government course will also emphasize civic responsibility and participation in the local community. Students will learn how to be informed citizens with regular analysis of national, state, and local news.

**Advanced Placement American Government and Politics:**  
36 weeks – 1 credit\*Open to grades 11, 12  
Plan Score Reading 22+

Fee: AP Test

This course is for the college bound student and is designed to prepare students for the AP examination in *American Government*. The course will provide an in-depth study of the American political system and will consist of readings and analyzing political literature of John Locke, Charles Beard, Henry Steele Commager, and James Madison. The course will examine the Constitution, federalism, political parties and elections, Congress, the Presidency, the Judiciary and civil rights, and the growth of bureaucracy. *Advanced Placement American Government* will fulfill the graduation requirement for Government and three credits of Social Studies. It would be helpful to have a background in advanced placement work and skill in taking notes.

**Advanced Placement European History:**  
36 weeks – 1 credit\*Open to grades 11, 12  
Plan Score Reading 19+ or Explore Reading 21+

Fee: AP Test

The study of European history since 1450 introduces students to cultural, economic, political, and social development that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretations, and (c) an ability to express historical understanding in writing. The AP European History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. All AP European History students are expected to take the College Board AP exam given in May. **(Open to 9<sup>th</sup> graders by Special Selection)**

**Classical and Middle Ages:** 18 weeks—1/2 credit.

\*Open to grades 11, 12

Fee: None

This course fills the gap of the early history of Europe that is not covered in World Studies. The first nine weeks will begin with the rise of the Greek City states, growth of democracy, clash between the Athenians and Spartans, the Persian Wars, and the decline of the city-states and the rise of Alexander the Great and the Hellenistic Age. Also the Greek culture will be examined with a focus on scientific and philosophical contributions with emphasis on reason, moderation, and the role of the individual, and conclude with Greeks by investigating Greek drama, art, architecture, and major philosophies and their contributions to Western Civilization. The course will then examine the Roman Republic, the Roman Empire and the Pax Romana. It will also explore Roman achievements in the arts, architecture, engineering, philosophy, and law, and then conclude by analyzing the reasons for the decline of the Roman world. The second nine weeks examine Europe after the fall of Rome focusing on Germanic tribes, the Christian Church, Charlemagne, and the development of feudalism. The focus will then begin on the High Middle Ages with the revival of agriculture, world. The second nine weeks examine Europe after the fall of Rome focusing on Germanic tribes, the Christian Church, trade, business practices, growth of towns, and the rise of the middle class. There will be an examination of the growth of England and France, the division of the Italian and German states, the growth of papal power, and the development of the Crusades and the Spanish Inquisitions. The course will conclude with the revival of learning and medieval achievements in literature, art, church architecture (Romanesque and Gothic), and the influences of medieval civilization on modern thought, and time allowing, a brief view of the Byzantine culture.

**Advanced Placement Psychology:** 36 weeks – 1 credit

\*Open to grades 11, 12

Fee: AP Test

Plan Score Reading 19+

AP Psychology is the equivalent to an entry-level college course. It is designed to introduce students to the scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. The course provides instruction in each of the following 14 content areas: History and Approaches, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Developmental Psychology, Personality, Testing and Individual Differences, Abnormal Psychology, Treatment of Psychological Disorders, and Social Psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

**Psychology:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course is designed as an introduction to the science of behavior and mental processes. It covers the historical development of psychology including the theories of Wilhelm Wundt, Jean Piaget, Erik Erikson, Ivan Pavlov, Sigmund Freud, and Carl Jung. Psychology explores human development in depth from infancy through adolescence and early, middle, and late adulthood. It offers perspectives on key topics in the field including sensation, perception, learning, personality, and psychological disorders. Classroom exercises emphasize understanding self and others and applying psychological techniques and principles to everyday tasks and challenges.

**Contemporary Issues:** 18 weeks – ½ credit.  
**(BlackBoard Course Only)**

\*Open to grades 11, 12

Fee: None

This course gives students the opportunity to explore issues that will ultimately shape their lives. Students will use news magazines, TV and radio news broadcasts as well as speakers and documentaries to examine and understand compelling and significant contemporary issues and events. Every effort will be made to examine and understand compelling and significant contemporary issues and events. Every effort will be made to examine issues from a variety of perspectives in order to develop a well-rounded understanding of each local, national and international issue examined.

**The Holocaust and the Dangers of Indifference:** 18 weeks – ½ credit      \*Open to grades 11, 12      Fee: None

This elective semester course uses the methods of the humanities - inquiry, analysis and interpretation- to explore the roots of religious, racial and ethnic hatreds and their consequences. By using the Holocaust as a case study to show the deadly consequences of unexamined prejudices, unfaced fears and unchallenged lies, important connections are then made to other examples of hatreds such as the Darfur and Rwandan genocides. Students will move from learning to think critically, to making informed judgments and ultimately to make the essential connection between history and the moral choices they confront in their own lives. This course may incorporate group discussion, speakers, readings, audiovisual support, individual reflection, response journals and a class project designed and implemented by the students to help build a more "civil society". A class field trip to the U.S. Holocaust Museum in Washington D.C. may be arranged if there's sufficient interest.

**Sociology:** 18 weeks – ½ credit      \*Open to grades 11, 12      Fee: None

This course is an introduction to the field of Sociology covering such areas as the study of human relationships and social behavior. Topics to be explored will cover norms, class status, cultural change, television, technology, socialization, marriage, social stratification of the United States, deviance, and how the family has changed over time. The course will examine the Amish as a subculture and analyze a rich variety of cross cultural examples to illustrate the ways in which people adapt to and are changed by their physical and social environments. The course is designed to be of benefit to the college bound as well as students planning to go directly to the world of work, emphasizing the application of sociological techniques and principles of learning to everyday living.

**World Geography:** 18 weeks – ½ credits      \*Open to grades 11, 12      Fee: None

This course is the study of the interaction of living things with their environment and the ways in which the structure of the earth determines human activities and cultural development. As geography explores the ways that economic, cultural, political, natural, and physical processes relate in a global system, it holds the key to a comprehensive understanding of the conflicts and challenges that face the world today. The course is designed for the student who is not only interested in the "where's" and "who's" but also the "why's" and "how's" of the human physical patterns of the earth.